

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015507.D
 Acq On : 12 Sep 2023 14:47
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:53:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	174149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	73053	39.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.260%
35) Dibromofluoromethane	7.710	113	67450	40.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.173	98	227782	37.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.700%
62) 4-Bromofluorobenzene	12.477	95	87931	38.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24439	16.144	ug/l	95
3) Chloromethane	2.107	50	32656	16.243	ug/l	98
4) Vinyl Chloride	2.241	62	38793	16.578	ug/l	94
5) Bromomethane	2.619	94	32142	19.304	ug/l	98
6) Chloroethane	2.778	64	28708	18.664	ug/l	99
7) Trichlorofluoromethane	3.107	101	63416	19.159	ug/l	97
8) Diethyl Ether	3.515	74	23823	21.060	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	36543	19.919	ug/l	96
10) Methyl Iodide	4.076	142	37764	17.529	ug/l	99
11) Tert butyl alcohol	4.924	59	83356	196.440	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	33082	19.110	ug/l	90
13) Acrolein	3.723	56	24672	57.000	ug/l	100
14) Allyl chloride	4.460	41	55190	20.023	ug/l	96
15) Acrylonitrile	5.149	53	76243	107.110	ug/l	99
16) Acetone	3.942	43	96025	123.233	ug/l	93
17) Carbon Disulfide	4.180	76	70365	13.596	ug/l	98
18) Methyl Acetate	4.466	43	56289	19.944	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	126705	22.519	ug/l	99
20) Methylene Chloride	4.698	84	103573	39.852	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	38891	19.509	ug/l	99
22) Diisopropyl ether	6.106	45	133755	22.188	ug/l	94
23) Vinyl Acetate	6.052	43	406885	106.904	ug/l	95
24) 1,1-Dichloroethane	6.009	63	75104	21.552	ug/l	95
25) 2-Butanone	6.978	43	129355	117.044	ug/l	98
26) 2,2-Dichloropropane	6.972	77	71457	24.143	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	48901	21.623	ug/l	97
28) Bromochloromethane	7.320	49	17129	16.029	ug/l	88
29) Tetrahydrofuran	7.338	42	71439	102.934	ug/l	93
30) Chloroform	7.496	83	81967	22.375	ug/l	97
31) Cyclohexane	7.777	56	55999	16.887	ug/l	86
32) 1,1,1-Trichloroethane	7.692	97	71994	22.003	ug/l	98
36) 1,1-Dichloropropene	7.911	75	56219	19.010	ug/l	99
37) Ethyl Acetate	7.064	43	48284	21.169	ug/l	96
38) Carbon Tetrachloride	7.893	117	61426	20.111	ug/l	96
39) Methylcyclohexane	9.179	83	62998	16.921	ug/l	91
40) Benzene	8.155	78	169205	20.507	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	64729	60.518	ug/l	# 39
42) 1,2-Dichloroethane	8.228	62	57592	20.932	ug/l	96
43) Isopropyl Acetate	8.265	43	83259	21.110	ug/l	98
44) Trichloroethene	8.935	130	49410	21.165	ug/l	93
45) 1,2-Dichloropropane	9.210	63	44446	21.368	ug/l	97
46) Dibromomethane	9.301	93	28585	20.689	ug/l	97
47) Bromodichloromethane	9.490	83	65041	22.013	ug/l	100
48) Methyl methacrylate	9.289	41	35260	19.485	ug/l	91
49) 1,4-Dioxane	9.295	88	10911	425.155	ug/l	# 58
51) 4-Methyl-2-Pentanone	10.063	43	244040	106.456	ug/l	94
52) Toluene	10.240	92	111419	21.069	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	68672	21.869	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	72743	21.296	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	40964	22.004	ug/l	95
56) Ethyl methacrylate	10.508	69	60114	21.790	ug/l	89
57) 1,3-Dichloropropane	10.789	76	68970	21.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	82284	83.562	ug/l	93
59) 2-Hexanone	10.825	43	187978	109.283	ug/l	92
60) Dibromochloromethane	10.984	129	49285	22.618	ug/l	99
61) 1,2-Dibromoethane	11.087	107	40450	21.443	ug/l	99
64) Tetrachloroethene	10.715	164	51871	21.753	ug/l	98
65) Chlorobenzene	11.514	112	124276	21.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	46742	22.558	ug/l	99
67) Ethyl Benzene	11.587	91	216661	21.314	ug/l	99
68) m/p-Xylenes	11.697	106	168795	42.839	ug/l	95
69) o-Xylene	12.026	106	82114	21.806	ug/l	97
70) Styrene	12.044	104	139732	22.069	ug/l	97
71) Bromoform	12.203	173	33425	23.125	ug/l	# 98
73) Isopropylbenzene	12.325	105	214953	21.432	ug/l	99
74) N-amyl acetate	12.142	43	73294	21.752	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	52047	21.739	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	69666	39.344	ug/l	# 100
77) Bromobenzene	12.605	156	53476	22.512	ug/l	99
78) n-propylbenzene	12.666	91	258344	21.288	ug/l	98
79) 2-Chlorotoluene	12.752	91	147712	21.700	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	181044	21.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	17358	21.625	ug/l	97
82) 4-Chlorotoluene	12.849	91	152233	21.519	ug/l	99
83) tert-Butylbenzene	13.075	119	159894	21.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	180873	21.715	ug/l	99
85) sec-Butylbenzene	13.252	105	234895	21.433	ug/l	99
86) p-Isopropyltoluene	13.367	119	198631	21.625	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	105077	22.407	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	107124	22.598	ug/l	99
89) n-Butylbenzene	13.697	91	186271	21.546	ug/l	97
90) Hexachloroethane	13.959	117	36044	21.941	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	97913	22.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10456	22.077	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	61795	22.992	ug/l	99
94) Hexachlorobutadiene	15.111	225	32337	22.065	ug/l	97
95) Naphthalene	15.233	128	146706	22.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55432	22.611	ug/l	99

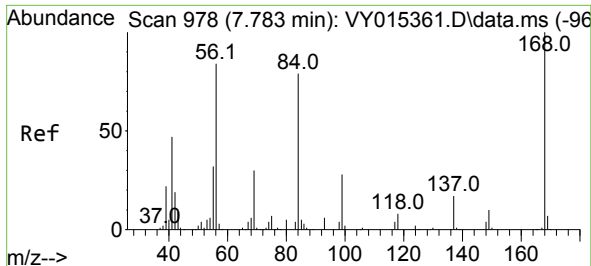
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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Acq On : 12 Sep 2023 14:47
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ALS Vial : 6 Sample Multiplier: 1

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Response via : Initial Calibration

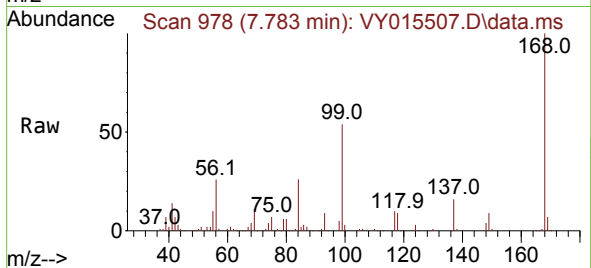
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

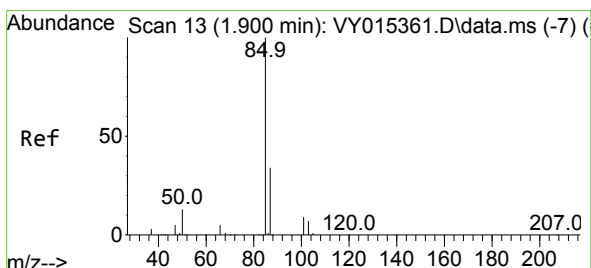
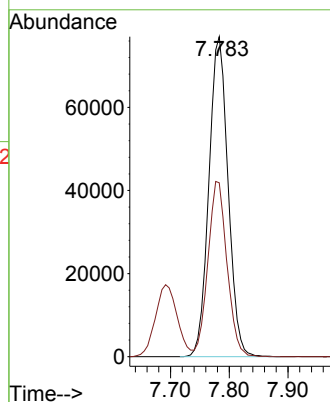
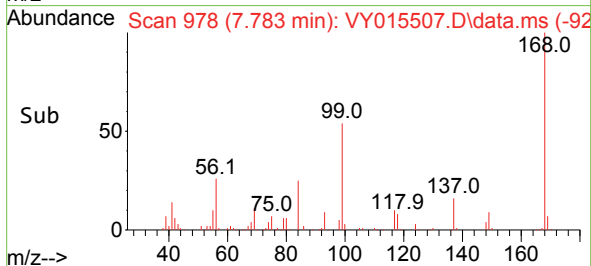


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

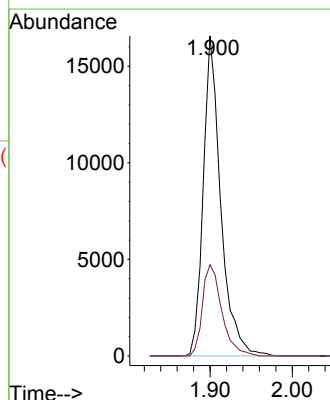
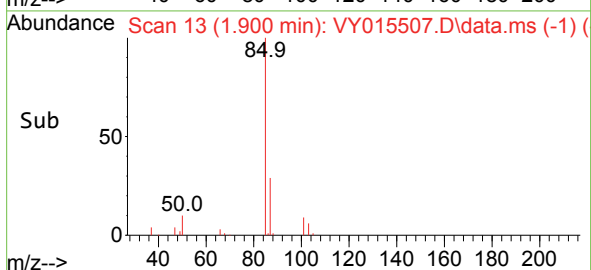
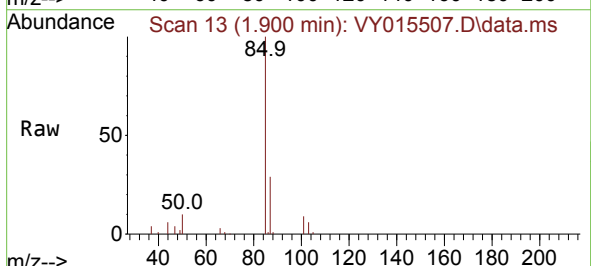


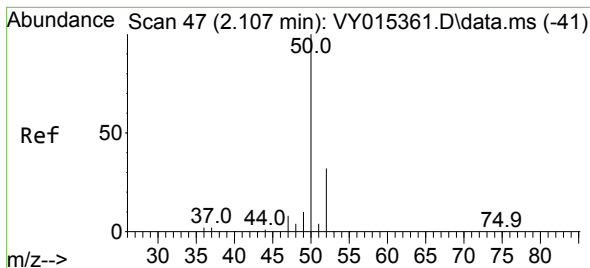
Tgt Ion:168 Resp: 174149
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 16.144 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 85 Resp: 24439
Ion Ratio Lower Upper
85 100
87 28.5 15.6 46.8





#3

Chloromethane

Concen: 16.243 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

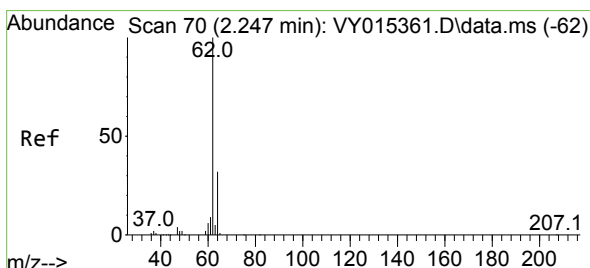
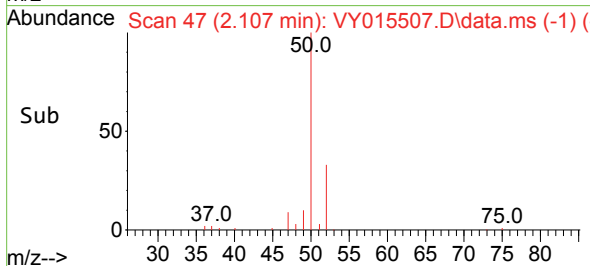
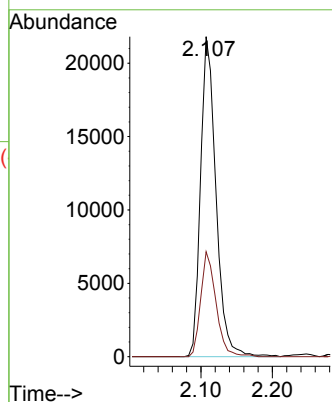
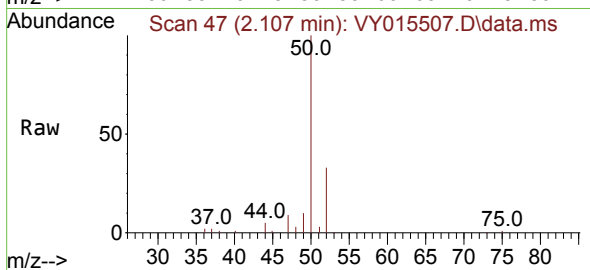
ClientSampleId :

Tgt Ion: 50 Resp: 32656

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 16.578 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY015507.D

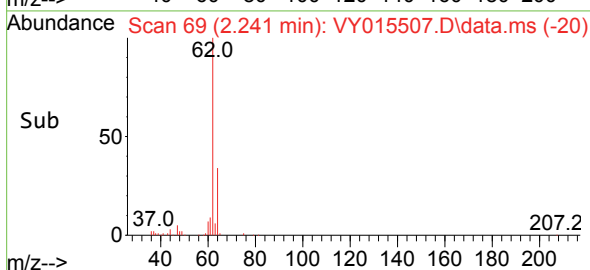
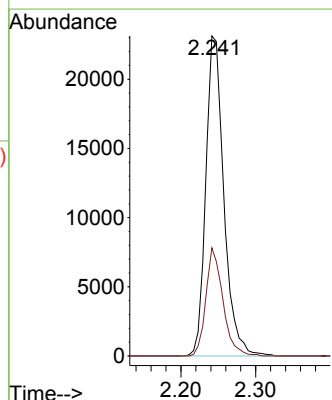
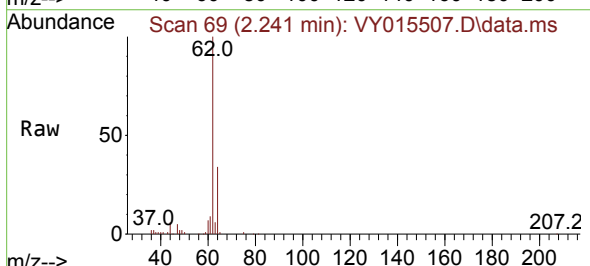
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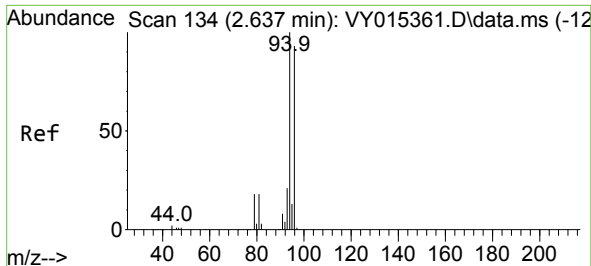
Tgt Ion: 62 Resp: 38793

Ion Ratio Lower Upper

62 100

64 33.8 24.3 36.5





#5

Bromomethane

Concen: 19.304 ug/l

RT: 2.619 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

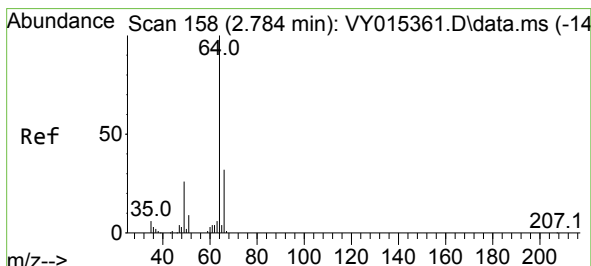
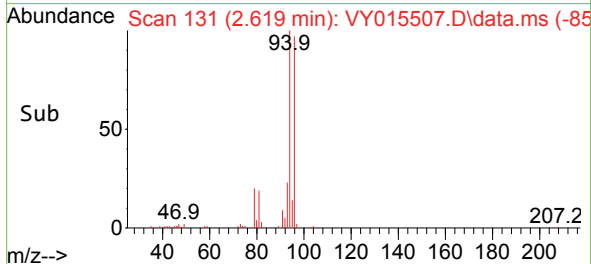
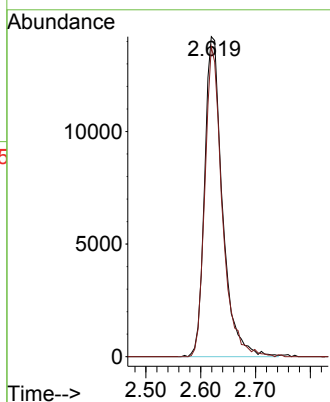
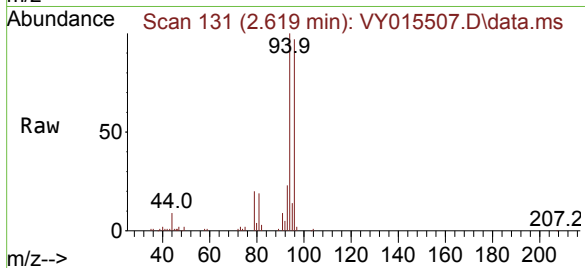
ClientSampleId :

Tgt Ion: 94 Resp: 32142

Ion Ratio Lower Upper

94 100

96 96.8 75.8 113.6



#6

Chloroethane

Concen: 18.664 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015507.D

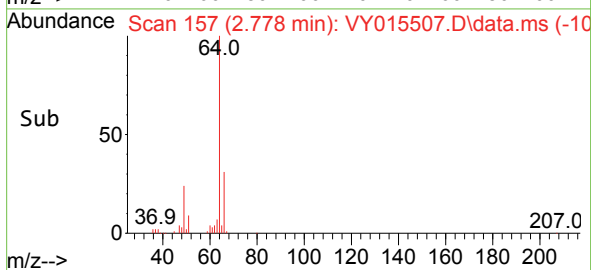
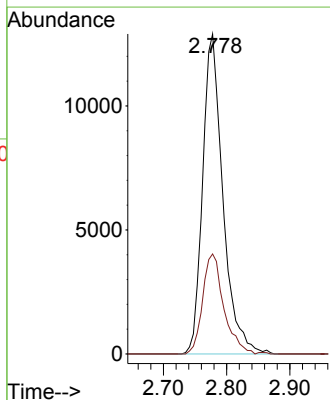
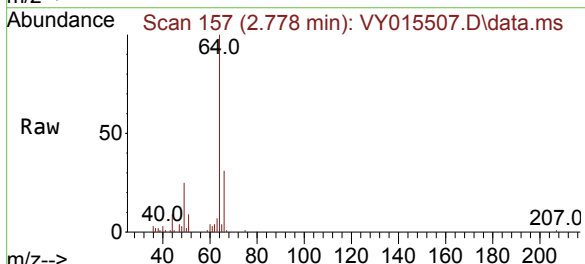
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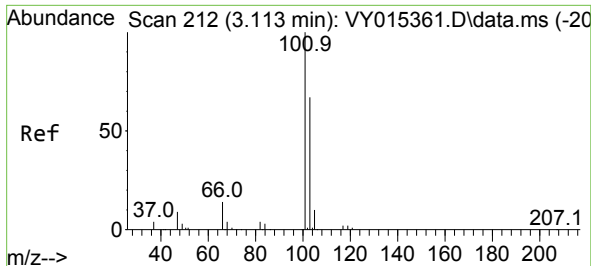
Tgt Ion: 64 Resp: 28708

Ion Ratio Lower Upper

64 100

66 31.2 24.4 36.6

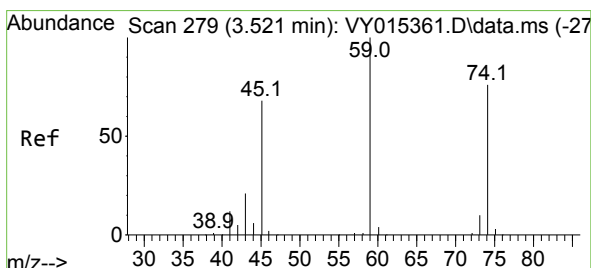
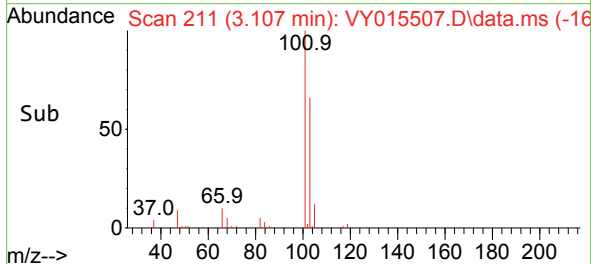
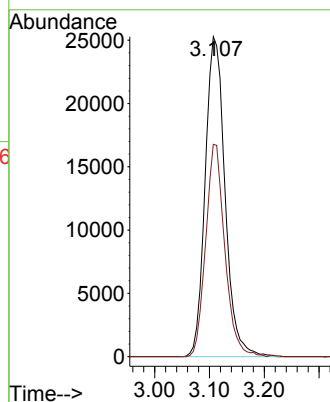
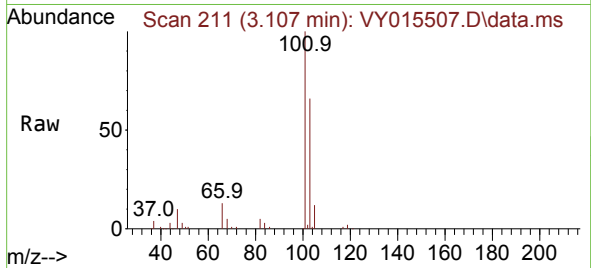




#7
 Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 3.107 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

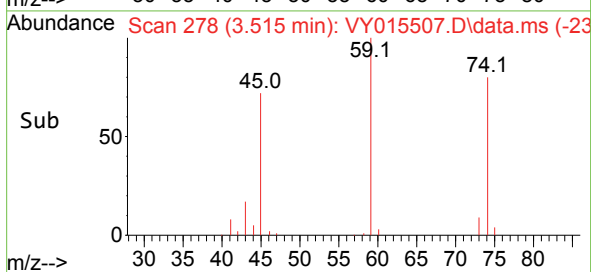
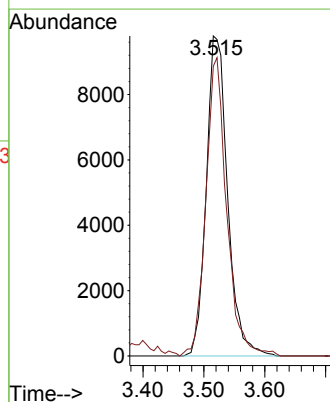
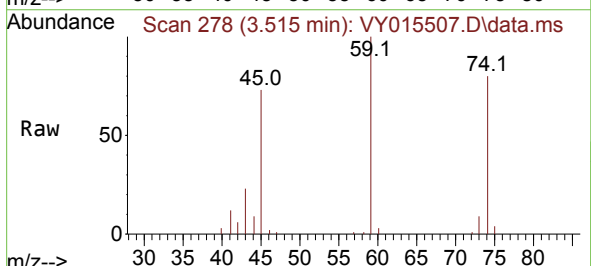
Instrument :
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 ClientSampleId :

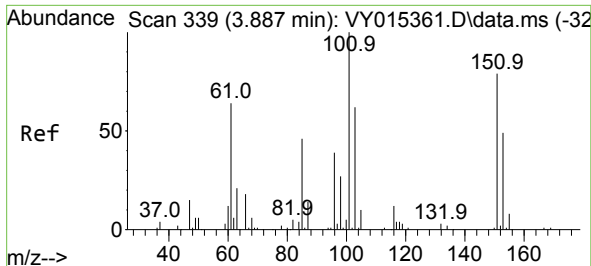
Tgt Ion:101 Resp: 63416
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.060 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

Tgt Ion: 74 Resp: 23823
 Ion Ratio Lower Upper
 74 100
 45 91.2 51.5 154.5

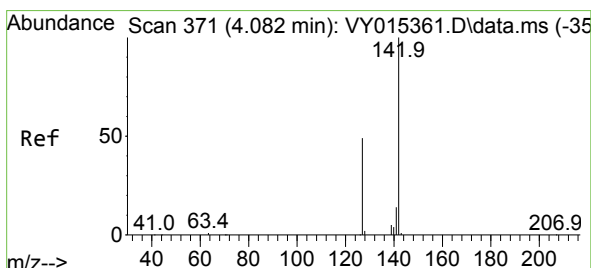
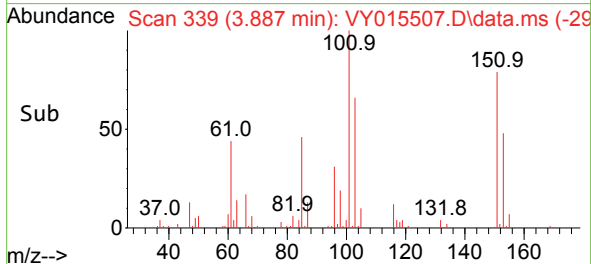
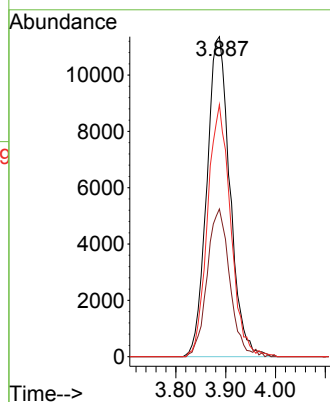
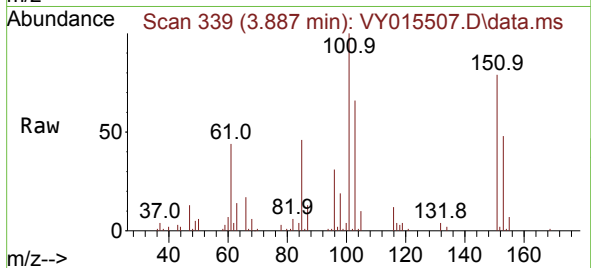




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.919 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

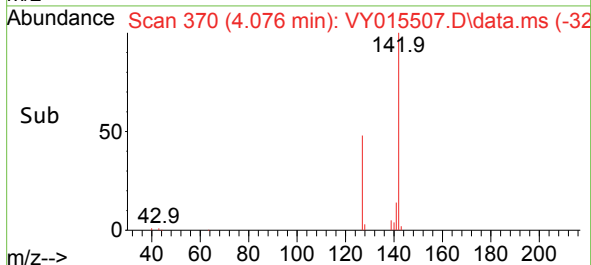
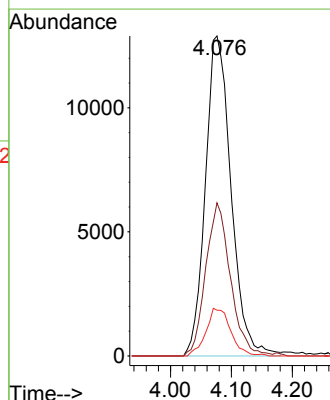
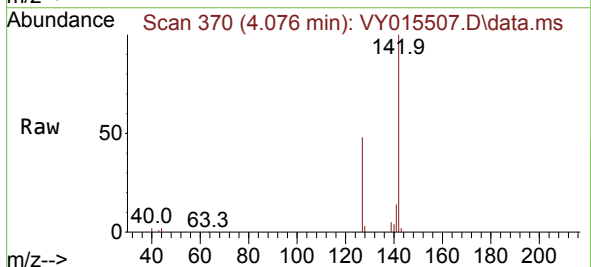
Instrument :
MSVOA_Y
ClientSampleId :

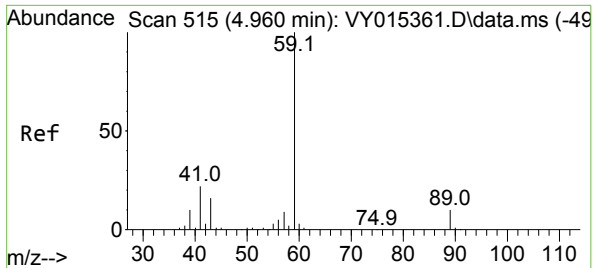
Tgt Ion:101 Resp: 36543
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 17.529 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion:142 Resp: 37764
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.4 11.8 17.8

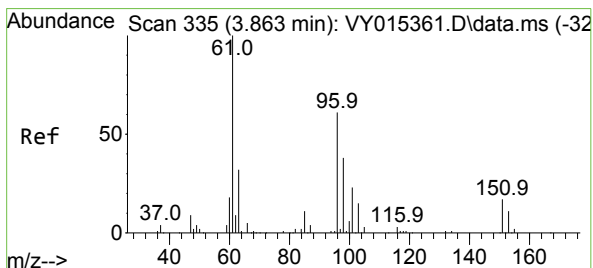
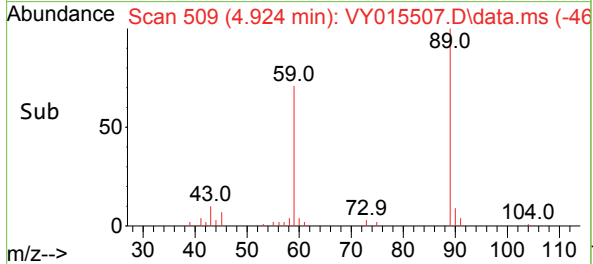
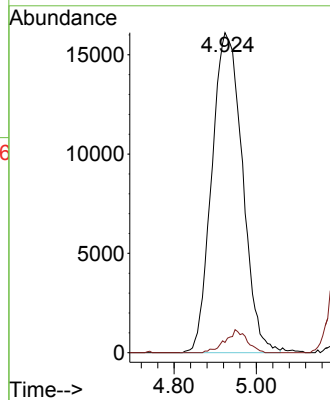
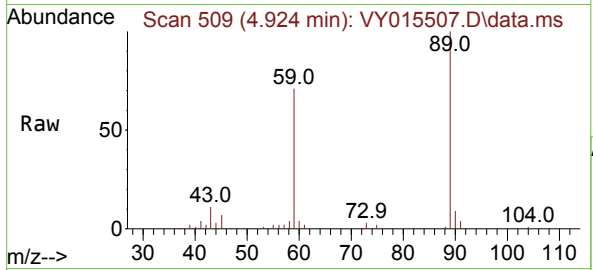




#11
Tert butyl alcohol
Concen: 196.440 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

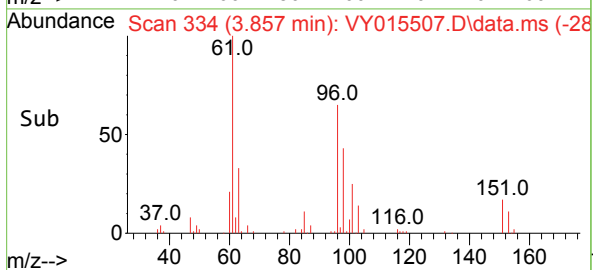
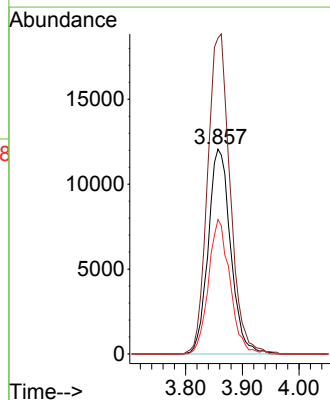
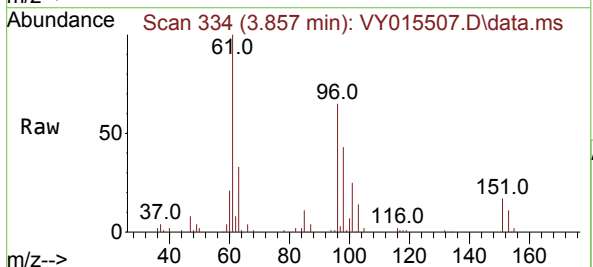
Instrument :
MSVOA_Y
ClientSampleId :

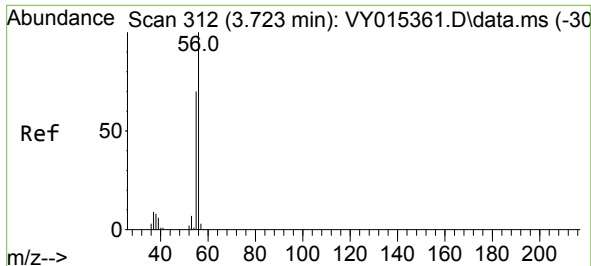
Tgt Ion: 59 Resp: 83356
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.110 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 96 Resp: 33082
Ion Ratio Lower Upper
96 100
61 154.2 136.4 204.6
98 65.7 49.4 74.2





#13

Acrolein

Concen: 57.000 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

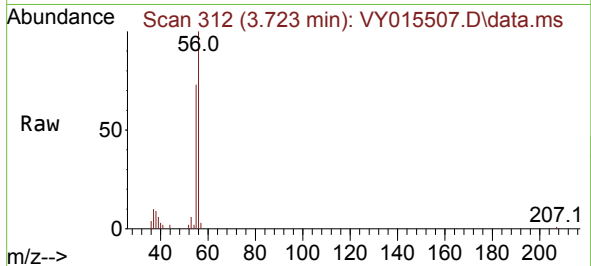
Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

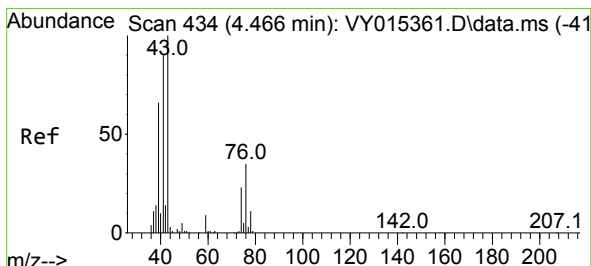
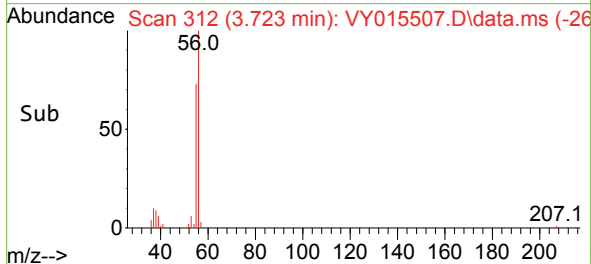
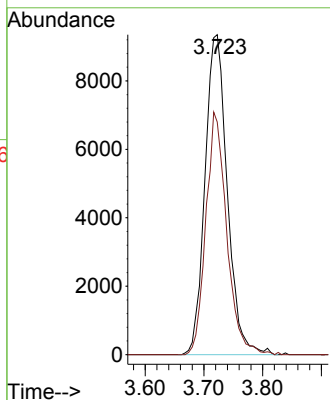


Tgt Ion: 56 Resp: 24672

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 20.023 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

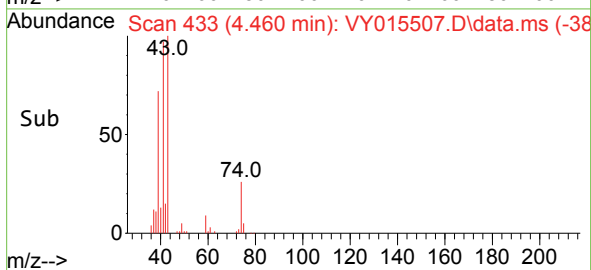
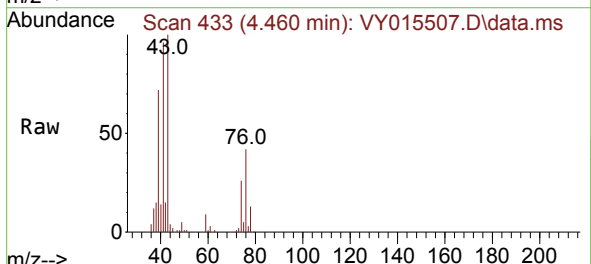
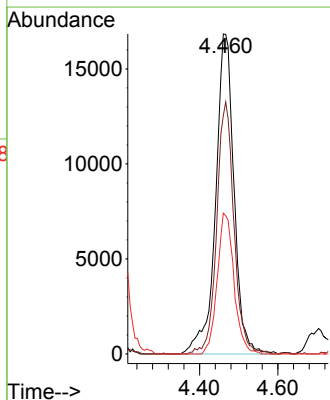
Tgt Ion: 41 Resp: 55190

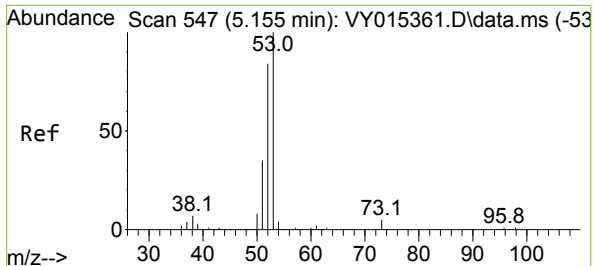
Ion Ratio Lower Upper

41 100

39 73.6 58.0 87.0

76 39.9 27.4 41.2





#15

Acrylonitrile

Concen: 107.110 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY015507.D

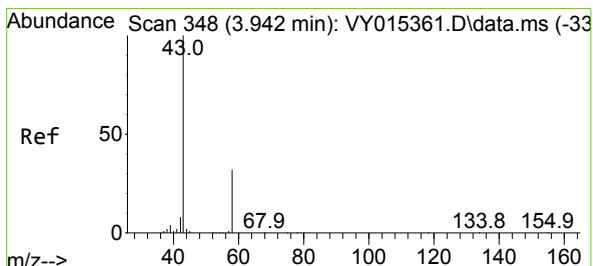
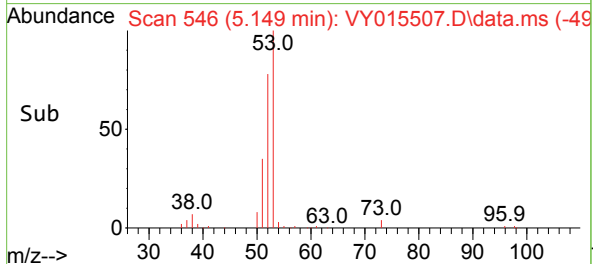
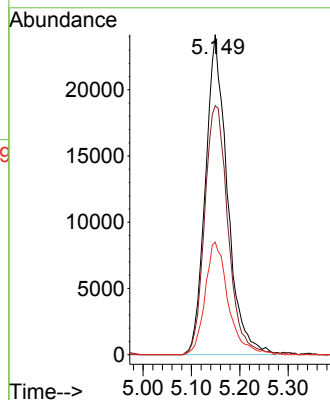
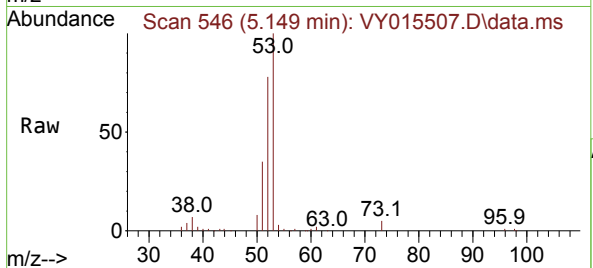
Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 76243
Ion Ratio	Lower Upper
53 100	
52 82.9	66.9 100.3
51 37.1	29.8 44.6



#16

Acetone

Concen: 123.233 ug/l

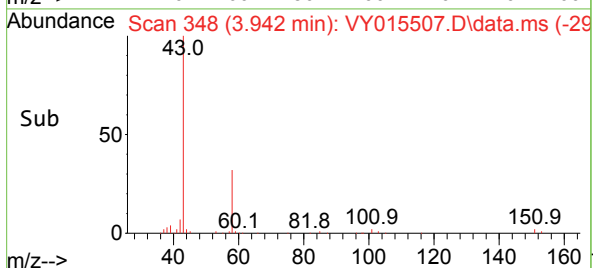
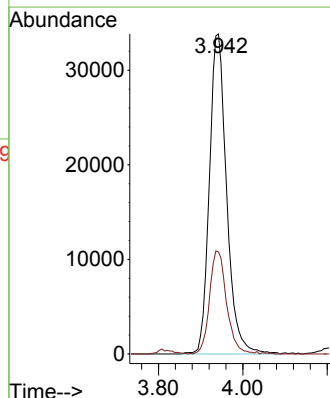
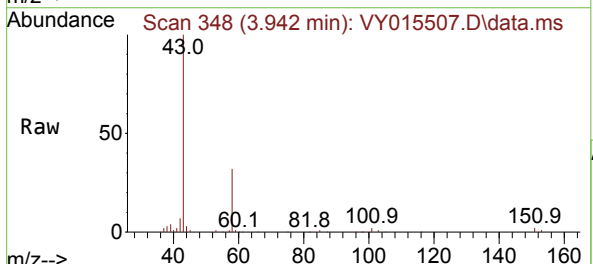
RT: 3.942 min Scan# 348

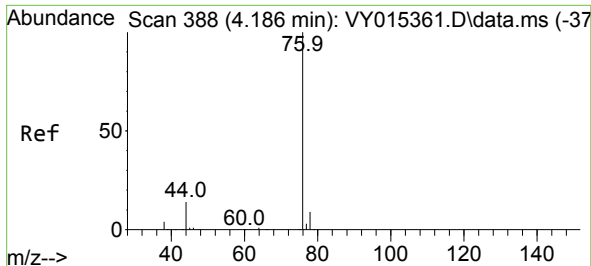
Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion: 43	Resp: 96025
Ion Ratio	Lower Upper
43 100	
58 31.9	22.7 34.1





#17

Carbon Disulfide

Concen: 13.596 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

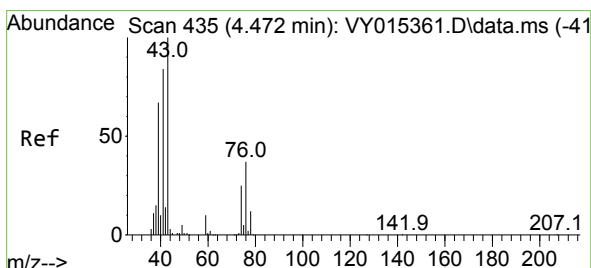
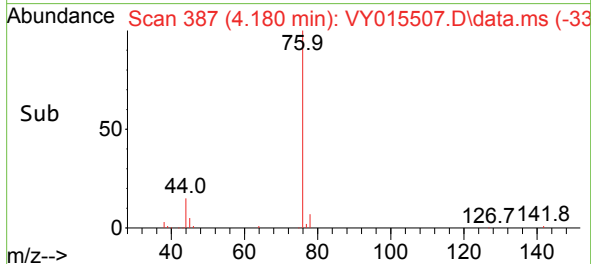
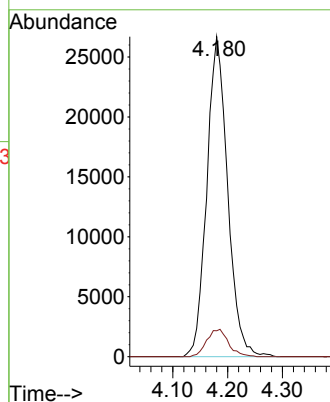
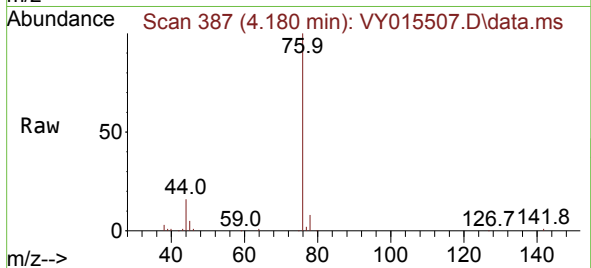
ClientSampleId :

Tgt Ion: 76 Resp: 70365

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.4



#18

Methyl Acetate

Concen: 19.944 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015507.D

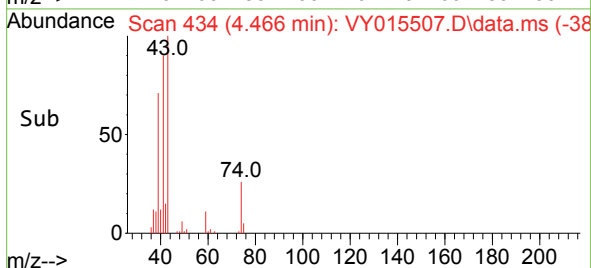
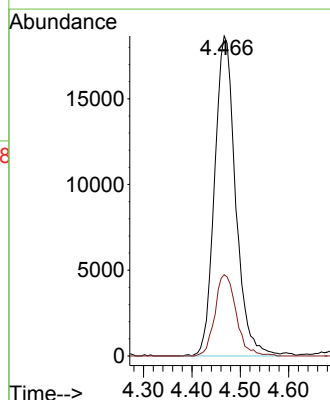
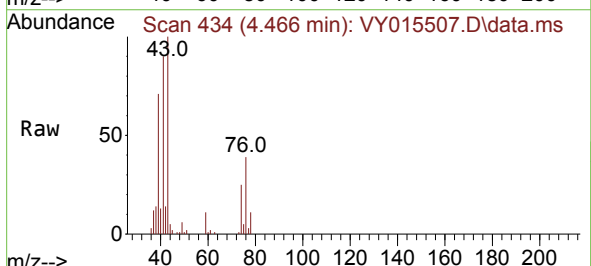
Acq: 12 Sep 2023 14:47

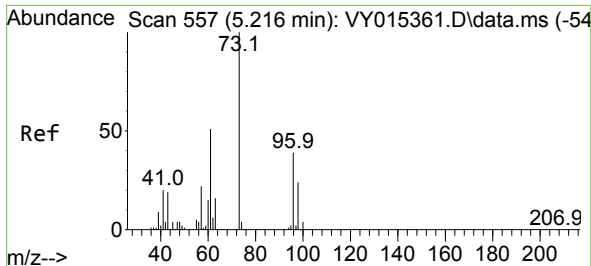
Tgt Ion: 43 Resp: 56289

Ion Ratio Lower Upper

43 100

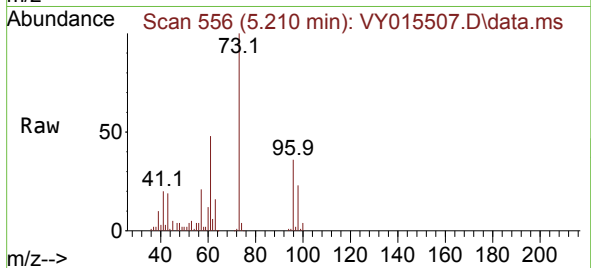
74 25.8 17.4 26.0



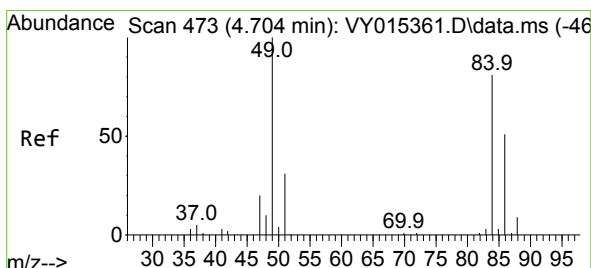
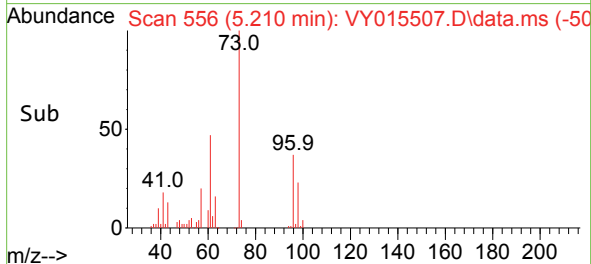
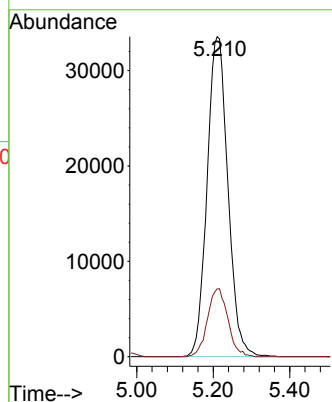


#19
Methyl tert-butyl Ether
Concen: 22.519 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

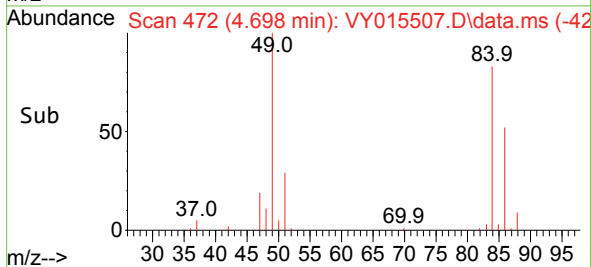
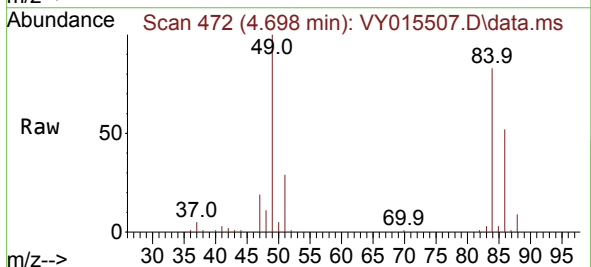
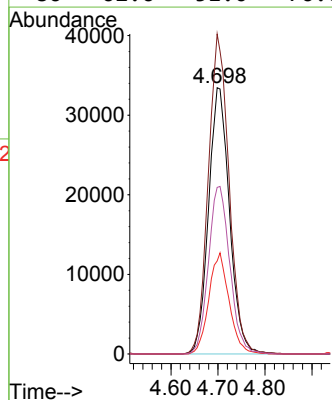


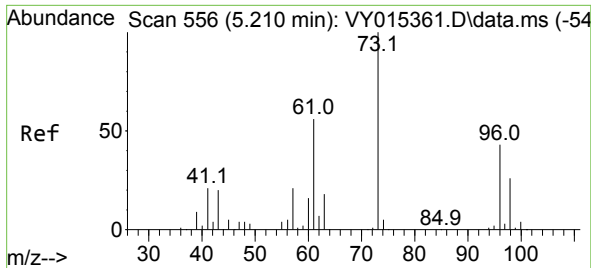
Tgt Ion: 73 Resp: 126705
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 39.852 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 84 Resp: 103573
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 34.9 33.2 49.8
86 62.6 51.0 76.6

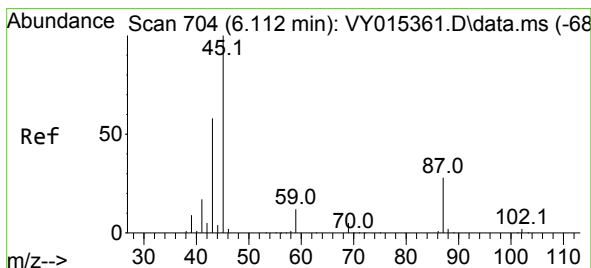
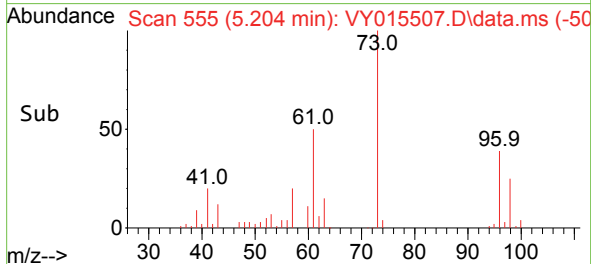
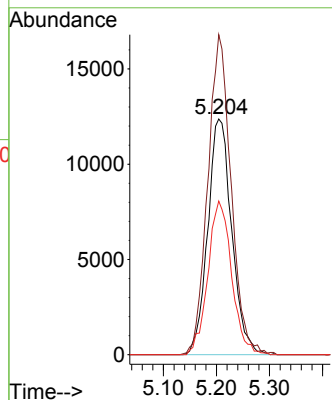
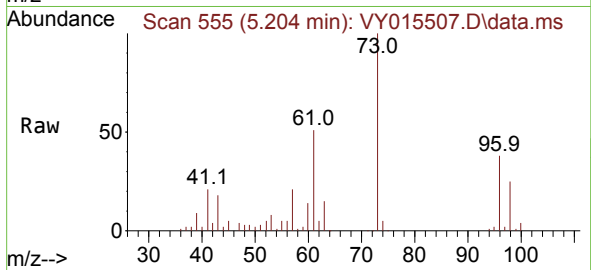




#21
trans-1,2-Dichloroethene
Concen: 19.509 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

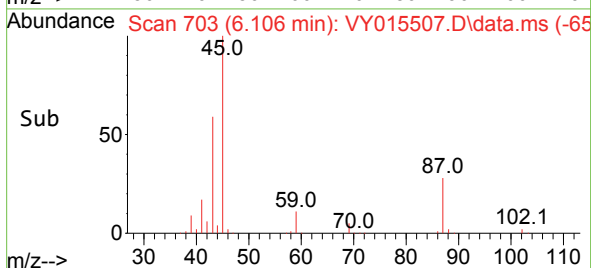
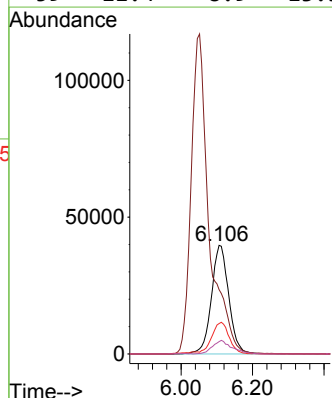
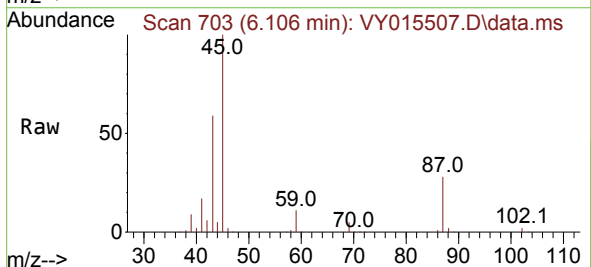
Instrument :
MSVOA_Y
ClientSampleId :

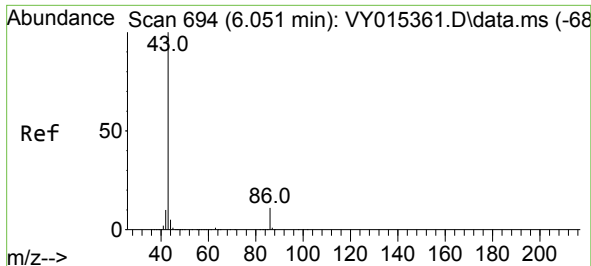
Tgt Ion: 96 Resp: 38891
Ion Ratio Lower Upper
96 100
61 135.8 110.2 165.4
98 65.2 51.8 77.6



#22
Diisopropyl ether
Concen: 22.188 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 45 Resp: 133755
Ion Ratio Lower Upper
45 100
43 58.8 52.2 78.4
87 28.0 21.0 31.6
59 11.4 8.9 13.3

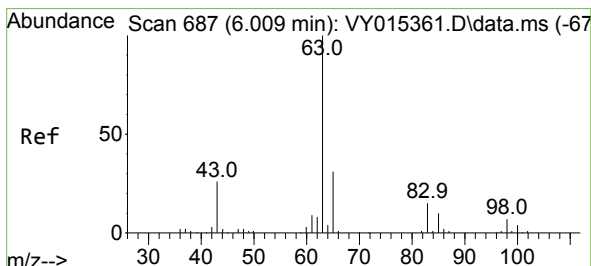
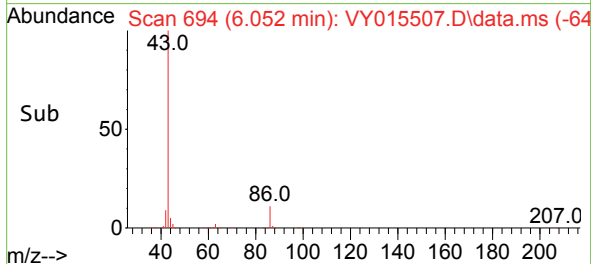
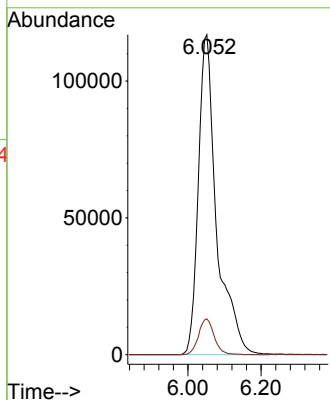
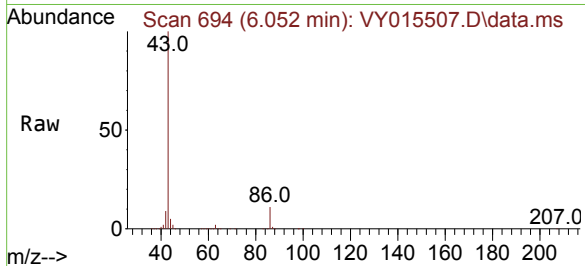




#23
 Vinyl Acetate
 Concen: 106.904 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

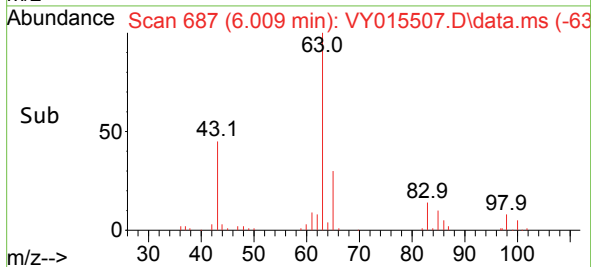
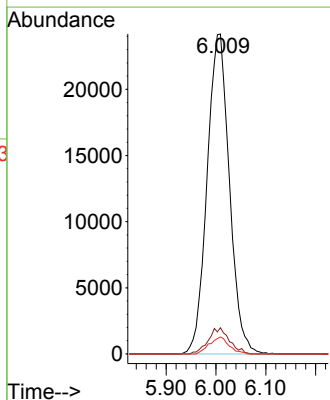
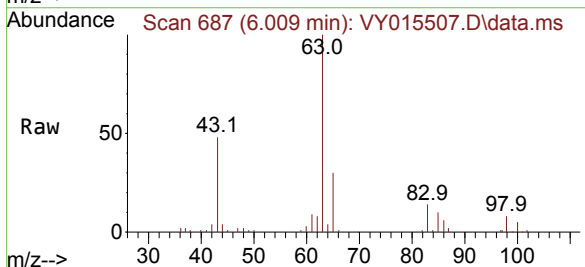
Instrument :
 MSVOA_Y
 ClientSampleId :

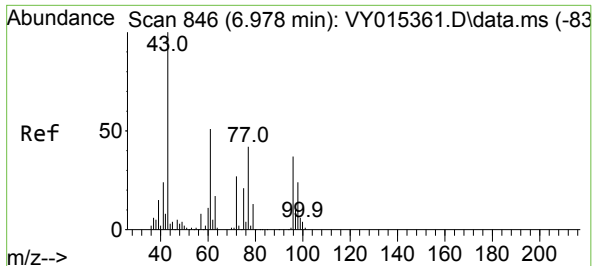
Tgt Ion: 43 Resp: 406885
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.552 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

Tgt Ion: 63 Resp: 75104
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.3 1.8 5.5

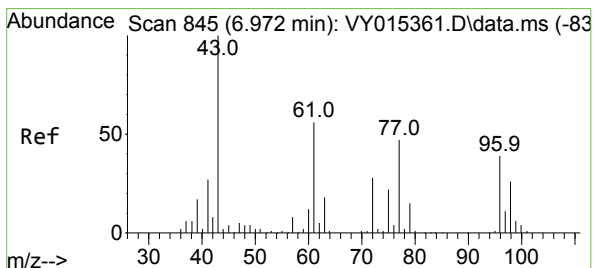
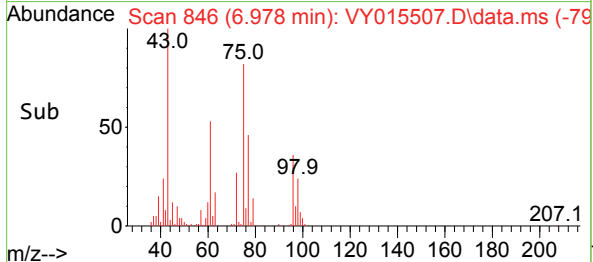
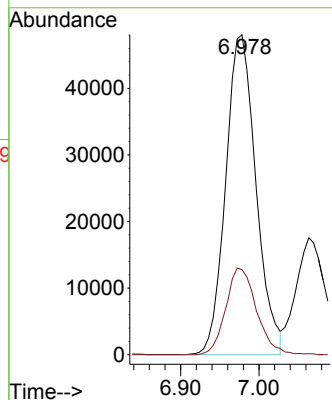
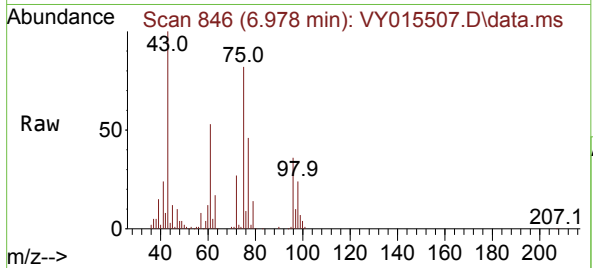




#25
2-Butanone
Concen: 117.044 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

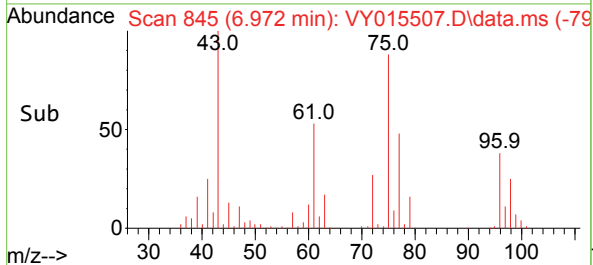
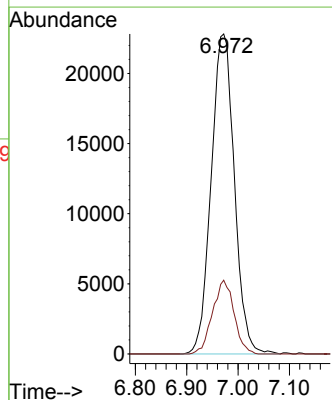
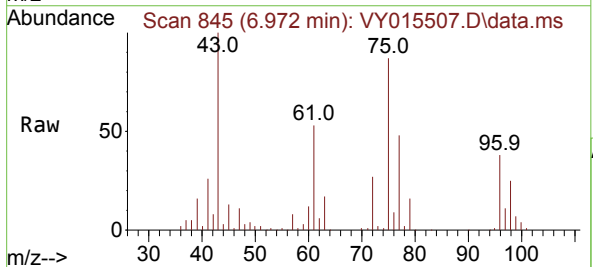
Instrument :
MSVOA_Y
ClientSampleId :

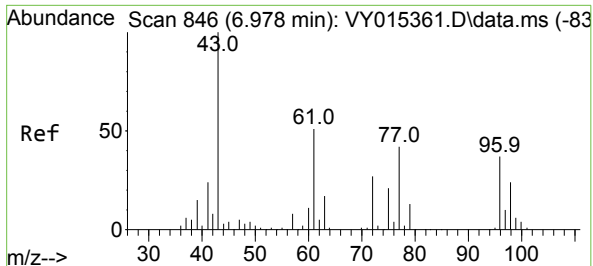
Tgt Ion: 43 Resp: 129355
Ion Ratio Lower Upper
43 100
72 26.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 24.143 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 77 Resp: 71457
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.623 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

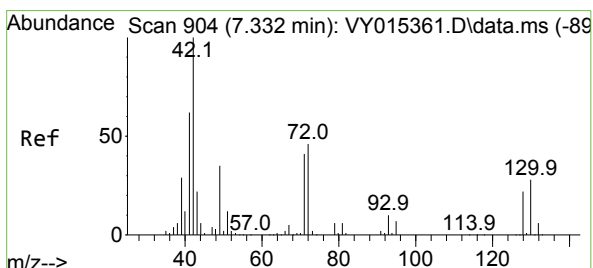
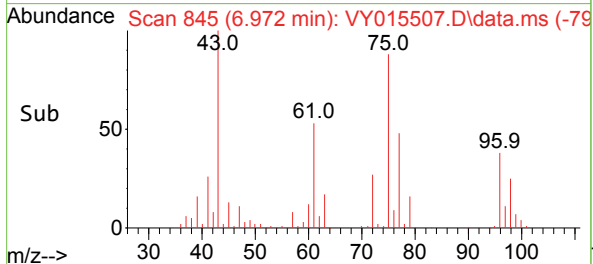
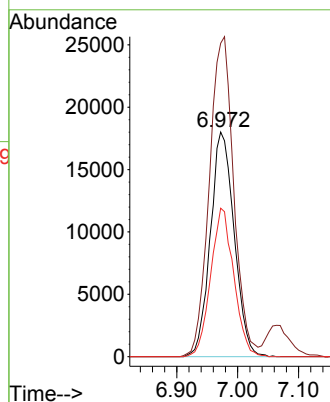
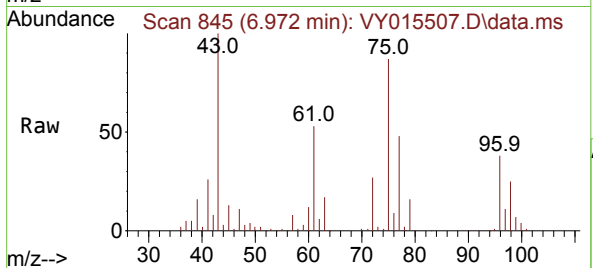
Tgt Ion: 96 Resp: 48901

Ion Ratio Lower Upper

96 100

61 145.8 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 16.029 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

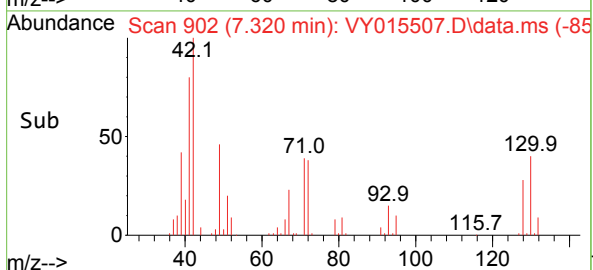
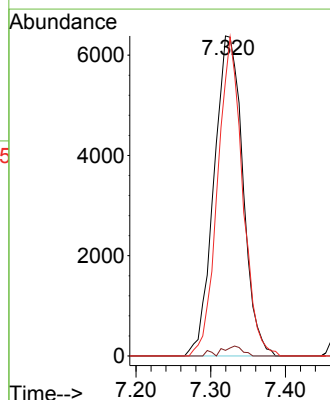
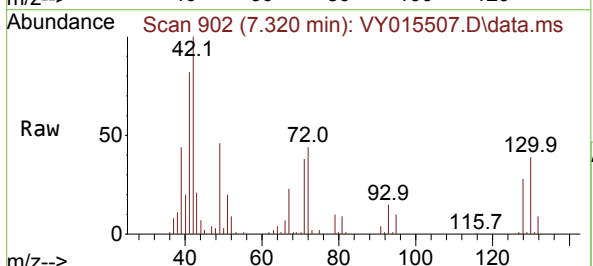
Tgt Ion: 49 Resp: 17129

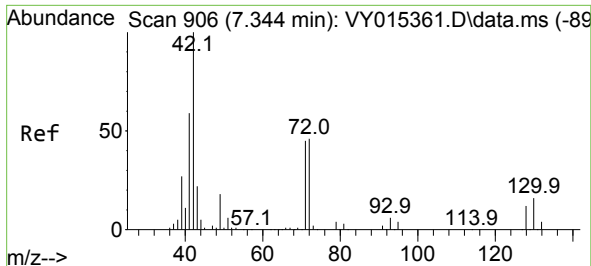
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 86.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.934 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

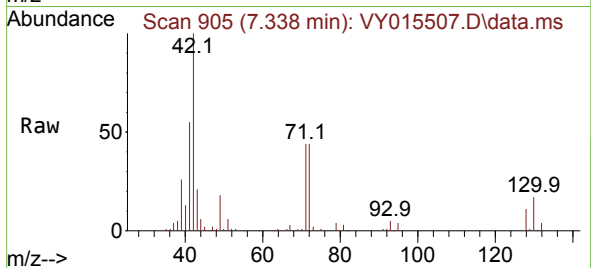
Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



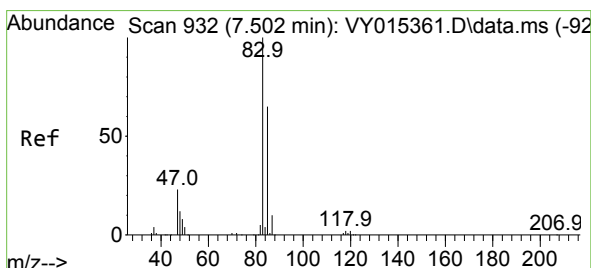
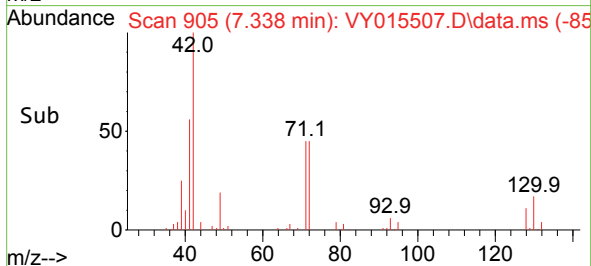
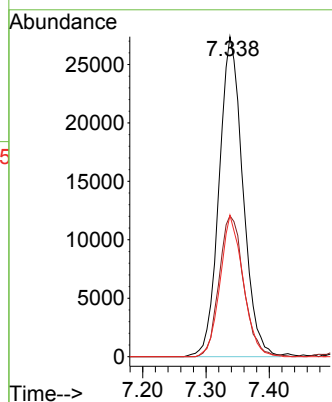
Tgt Ion: 42 Resp: 71439

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 42.7 31.0 46.4



#30

Chloroform

Concen: 22.375 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY015507.D

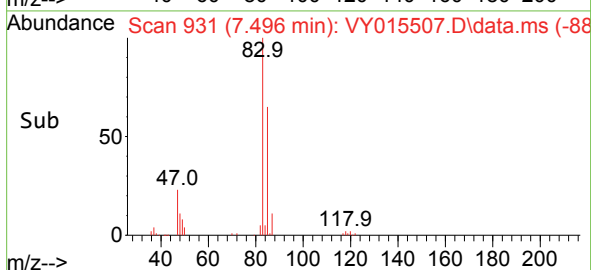
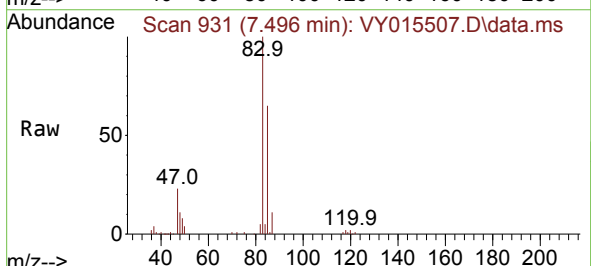
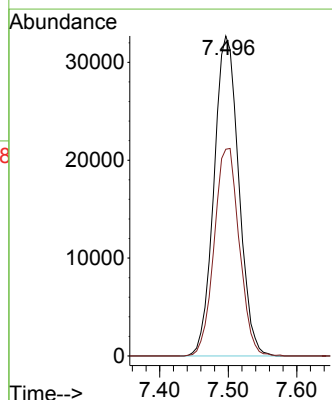
Acq: 12 Sep 2023 14:47

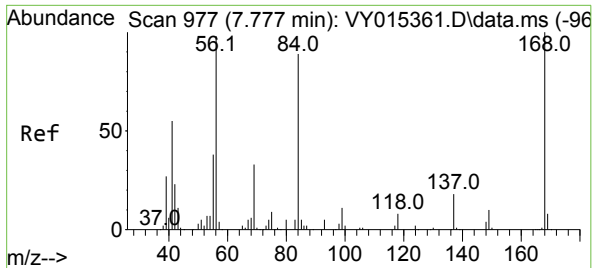
Tgt Ion: 83 Resp: 81967

Ion Ratio Lower Upper

83 100

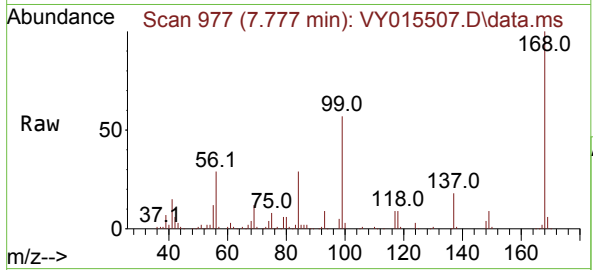
85 64.6 49.7 74.5



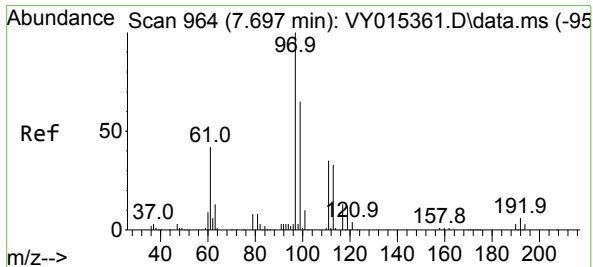
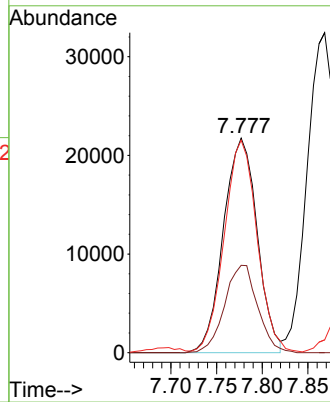
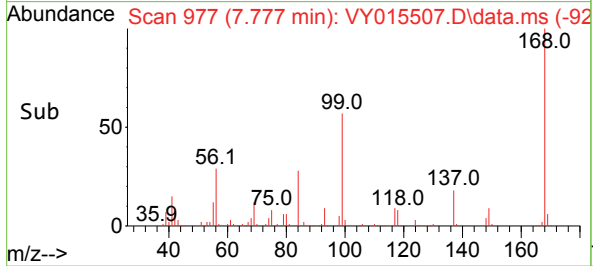


#31
Cyclohexane
Concen: 16.887 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

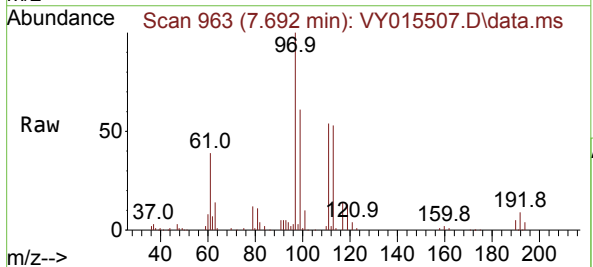
Instrument :
MSVOA_Y
ClientSampleId :



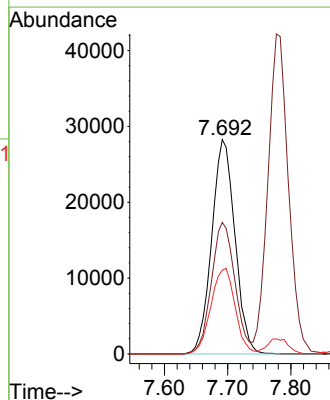
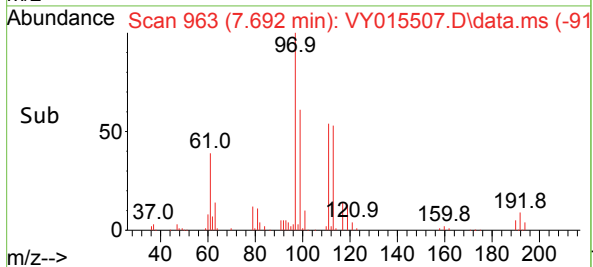
Tgt Ion: 56 Resp: 55999
Ion Ratio Lower Upper
56 100
69 40.7 27.8 41.6
84 97.1 66.4 99.6

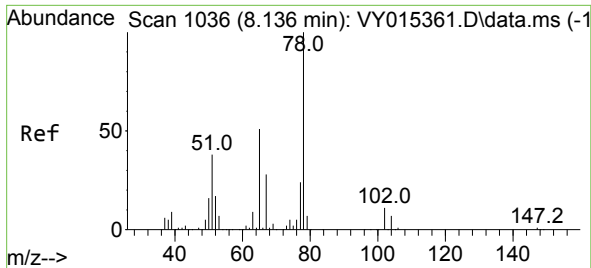


#32
1,1,1-Trichloroethane
Concen: 22.003 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47



Tgt Ion: 97 Resp: 71994
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.7 35.1 52.7

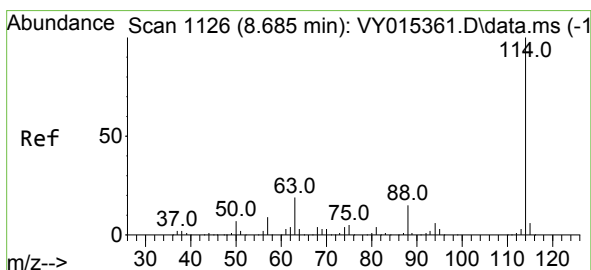
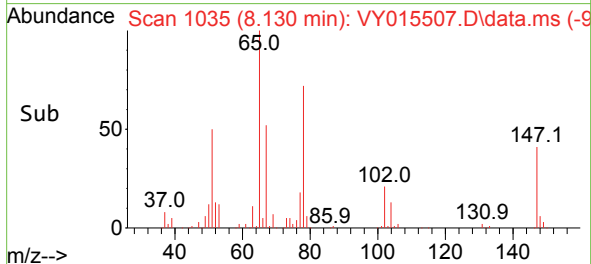
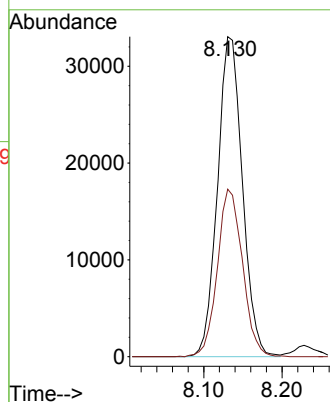
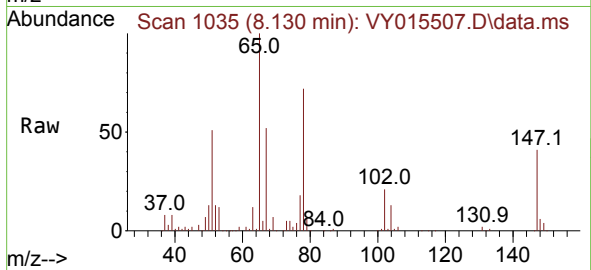




#33
 1,2-Dichloroethane-d4
 Concen: 39.132 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

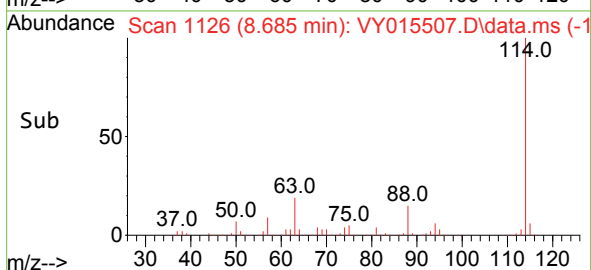
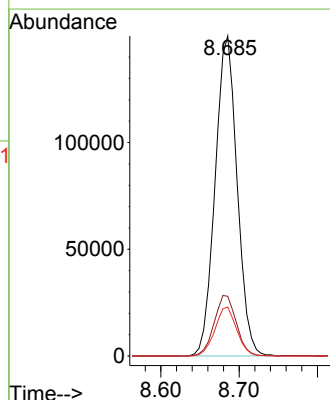
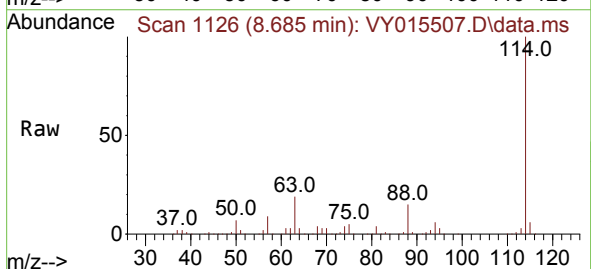
Instrument :
 MSVOA_Y
 ClientSampleId :

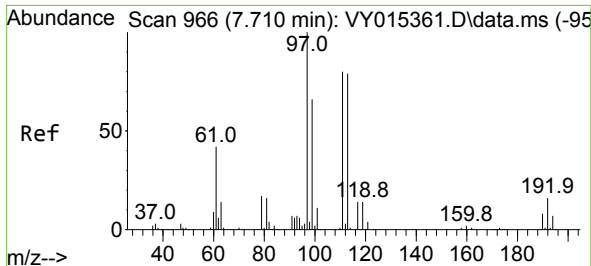
Tgt Ion: 65 Resp: 73053
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

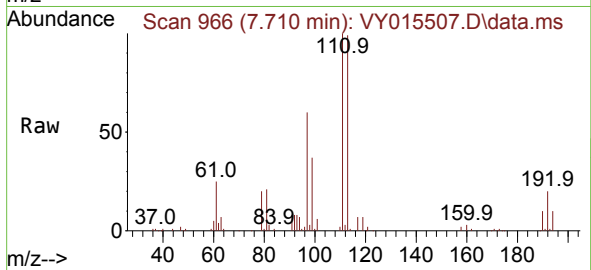
Tgt Ion:114 Resp: 292416
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.3 0.0 30.6



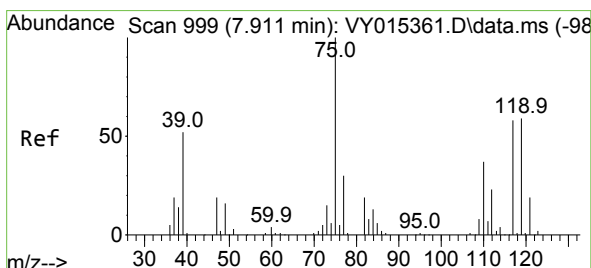
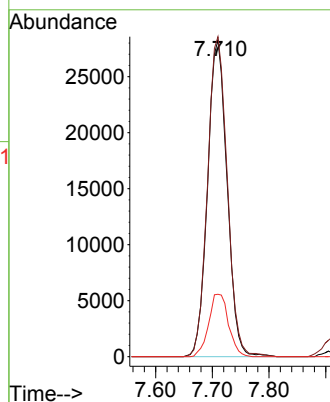
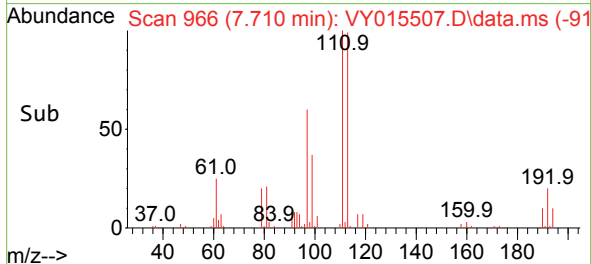


#35
Dibromofluoromethane
Concen: 40.047 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

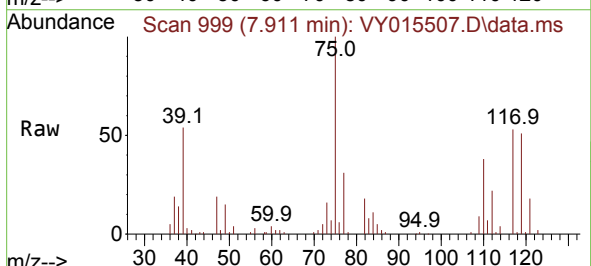
Instrument :
MSVOA_Y
ClientSampleId :



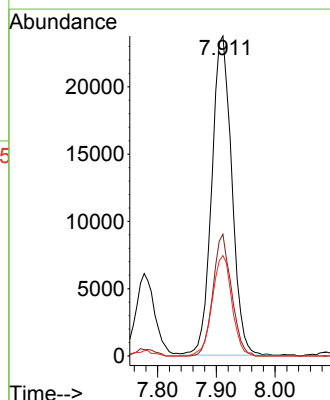
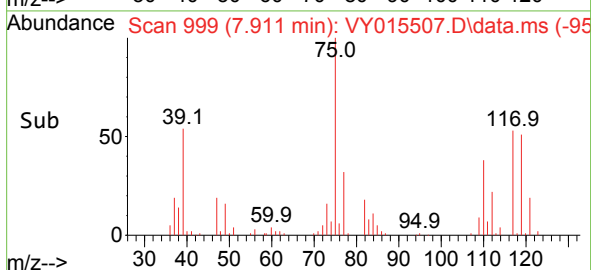
Tgt Ion:113 Resp: 67450
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.1 16.9 25.3

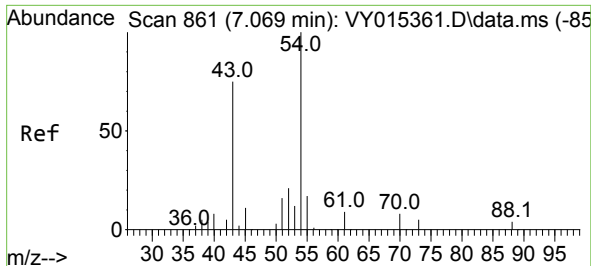


#36
1,1-Dichloropropene
Concen: 19.010 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47



Tgt Ion: 75 Resp: 56219
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 21.169 ug/l

RT: 7.064 min Scan# 861

Delta R.T. 0.000 min

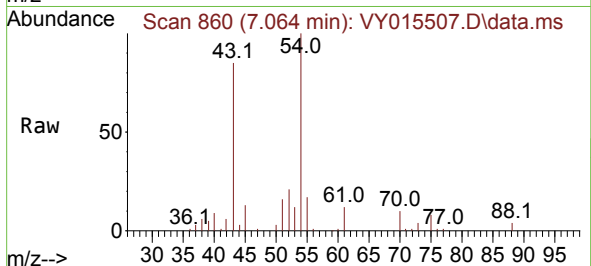
Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

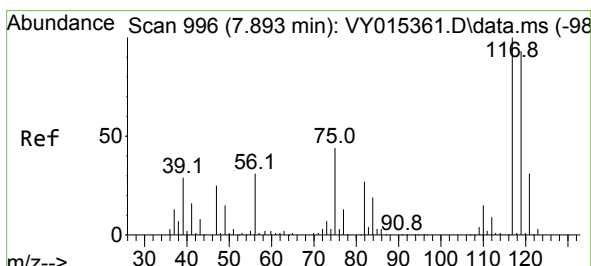
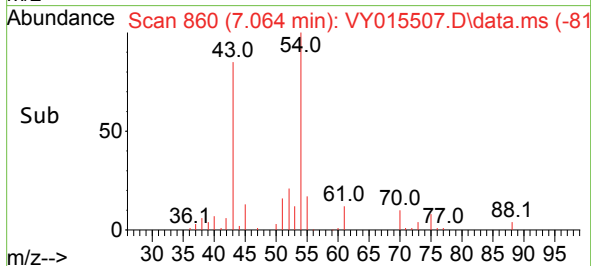
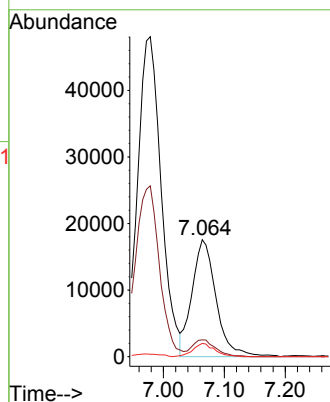
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 48284
Ion Ratio	Lower Upper
43	100
61	14.2 10.1 15.1
70	10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.111 ug/l

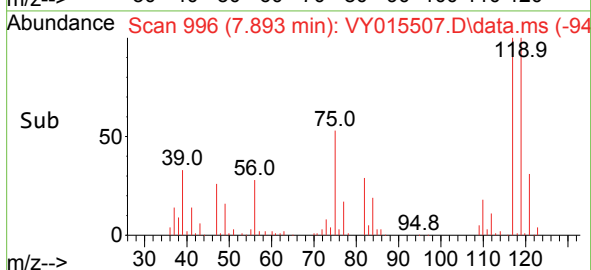
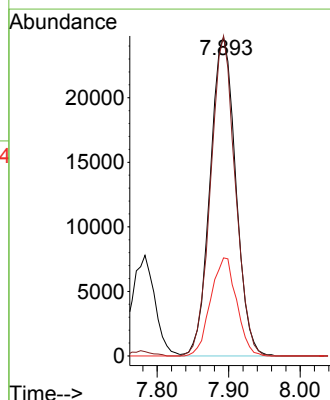
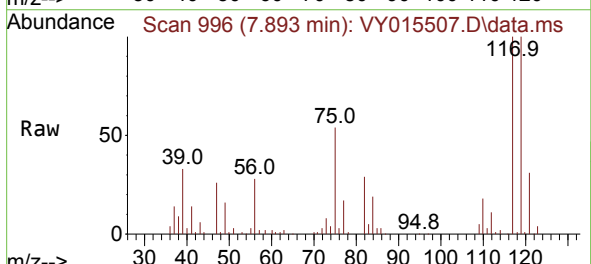
RT: 7.893 min Scan# 996

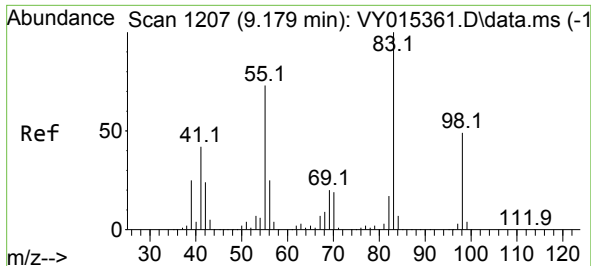
Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion: 117	Resp: 61426
Ion Ratio	Lower Upper
117	100
119	100.4 76.4 114.6
121	30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 16.921 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

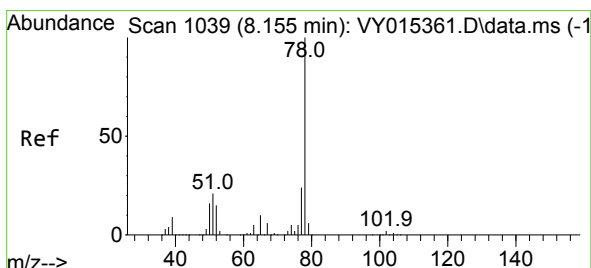
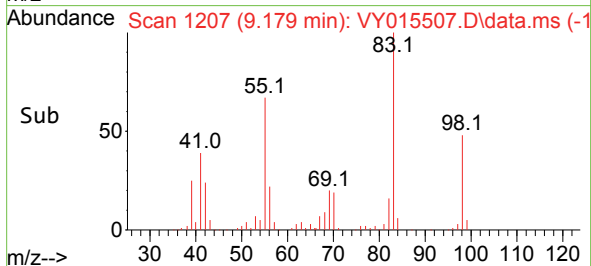
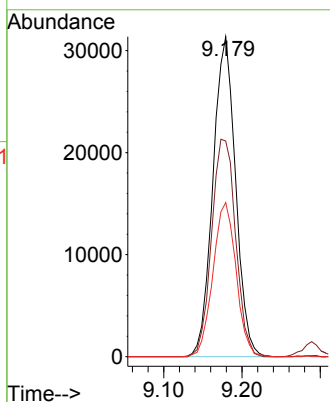
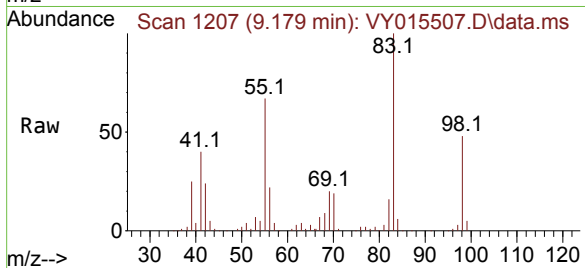
Tgt Ion: 83 Resp: 62998

Ion Ratio Lower Upper

83 100

55 67.4 63.0 94.4

98 48.1 37.4 56.2



#40

Benzene

Concen: 20.507 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015507.D

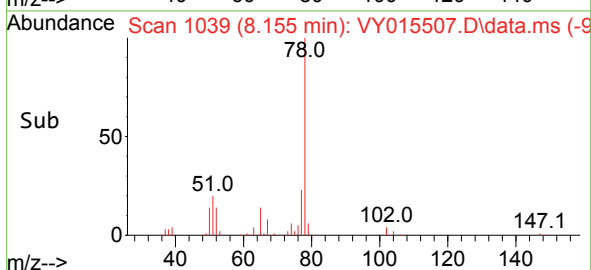
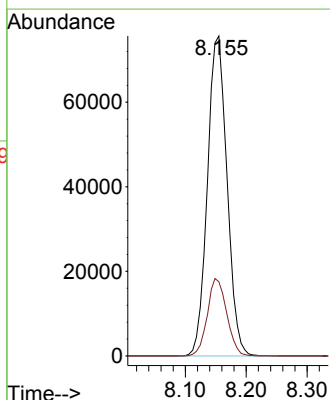
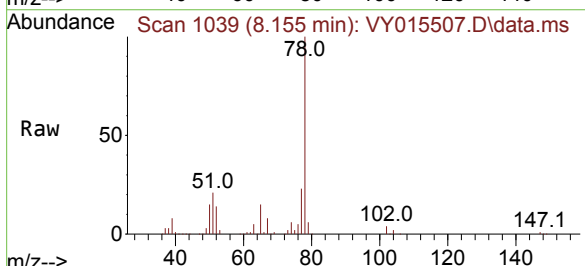
Acq: 12 Sep 2023 14:47

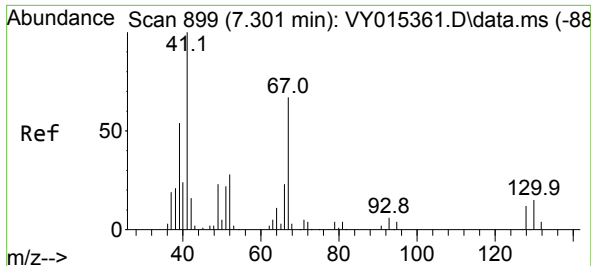
Tgt Ion: 78 Resp: 169205

Ion Ratio Lower Upper

78 100

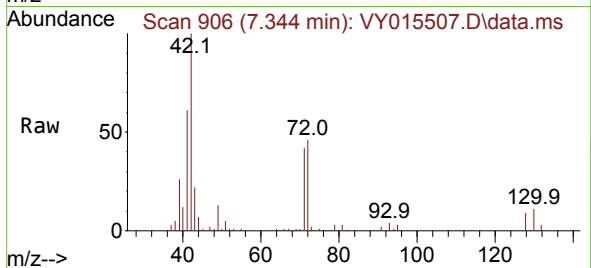
77 23.2 19.0 28.6



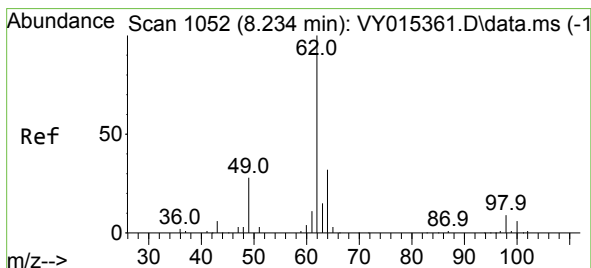
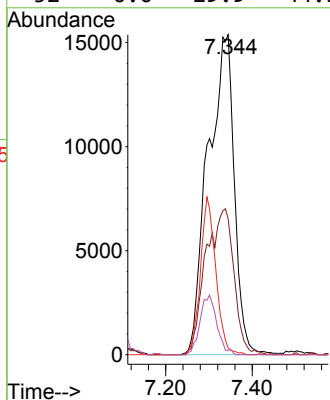
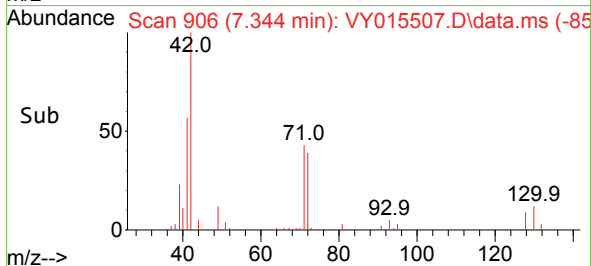


#41
Methacrylonitrile
Concen: 60.518 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

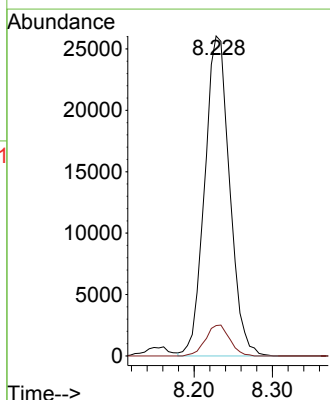
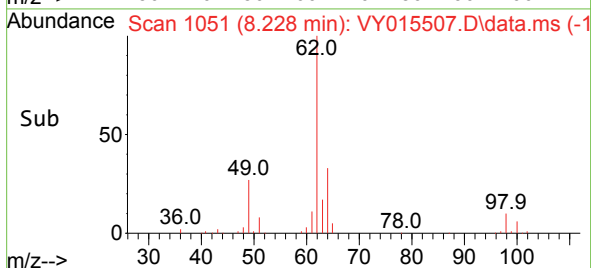
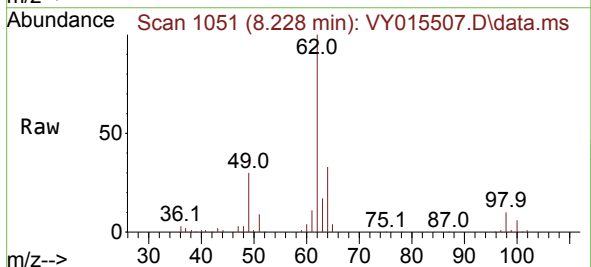


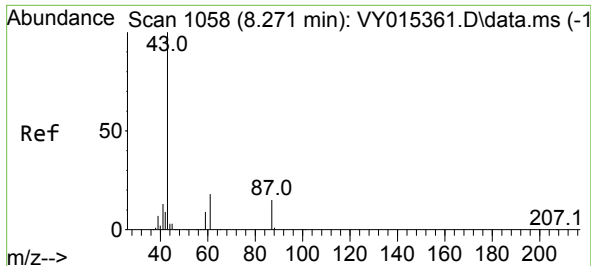
Tgt Ion: 41 Resp: 64729
Ion Ratio Lower Upper
41 100
39 48.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.932 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

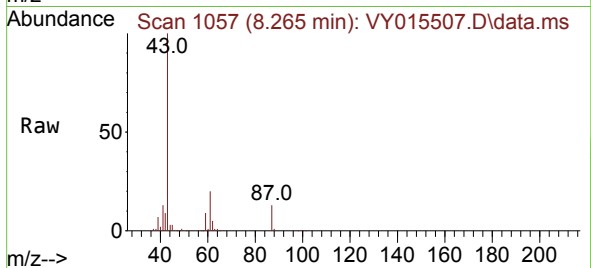
Tgt Ion: 62 Resp: 57592
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8



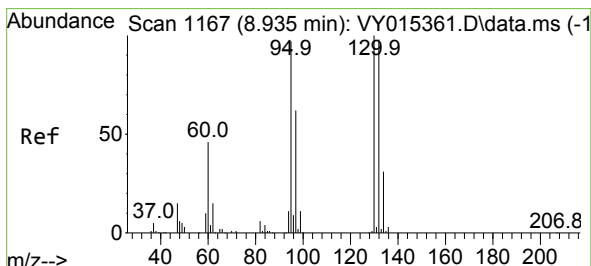
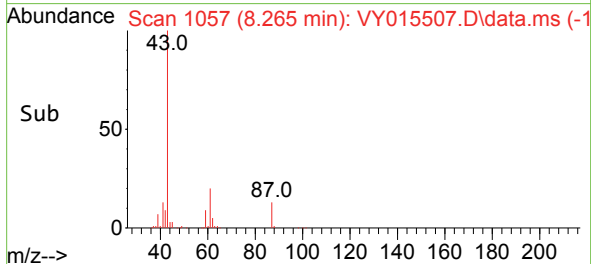
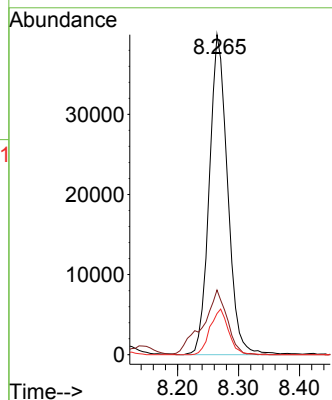


#43
Isopropyl Acetate
Concen: 21.110 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

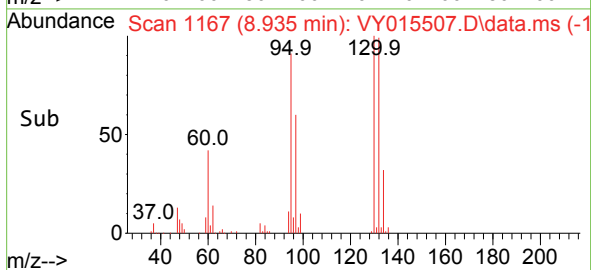
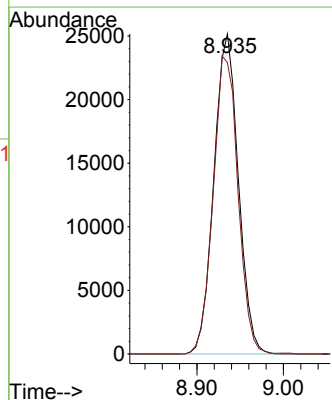
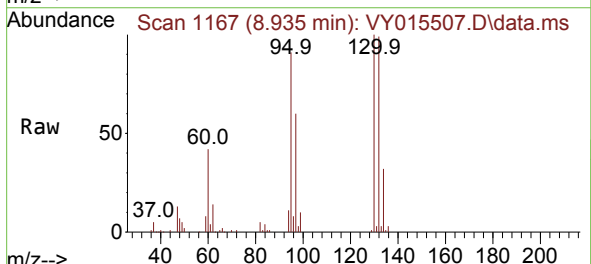


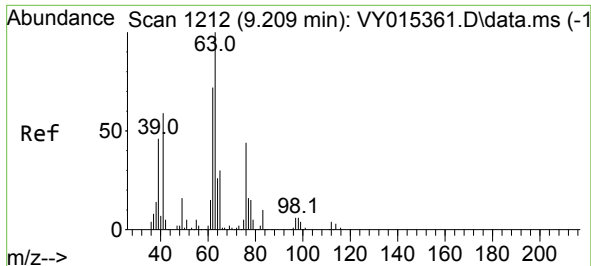
Tgt Ion: 43 Resp: 83259
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 21.165 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion:130 Resp: 49410
Ion Ratio Lower Upper
130 100
95 91.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.368 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

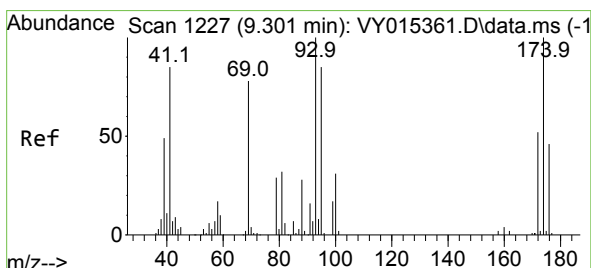
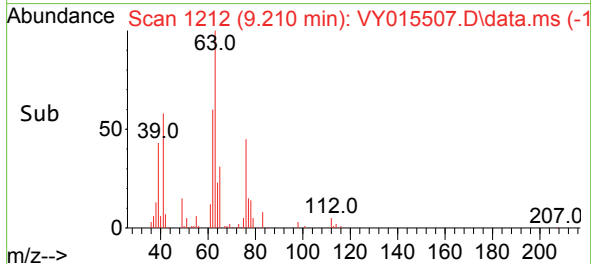
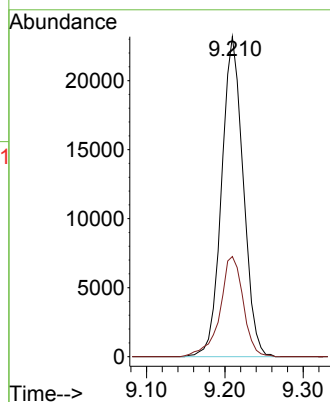
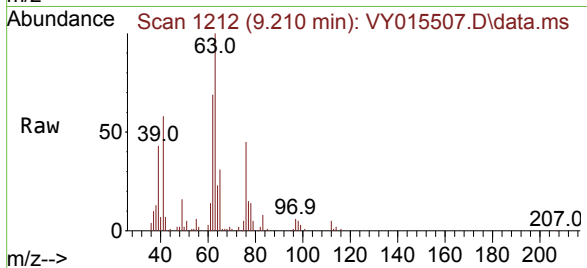
ClientSampleId :

Tgt Ion: 63 Resp: 44446

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 20.689 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

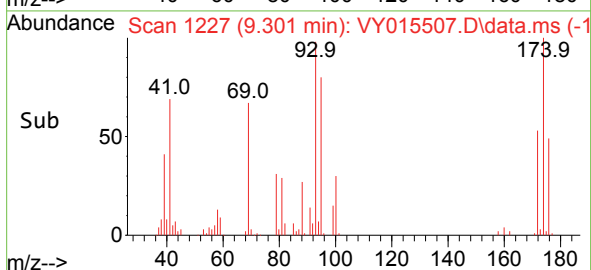
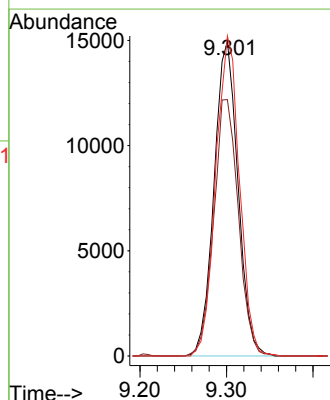
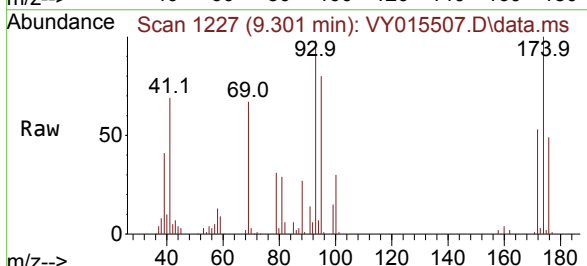
Tgt Ion: 93 Resp: 28585

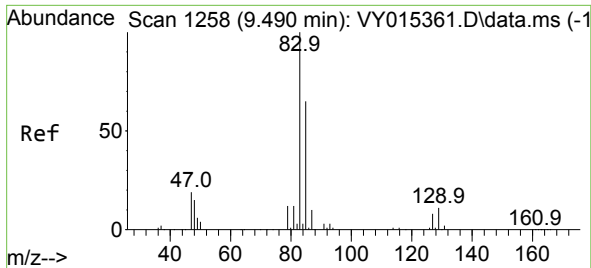
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 101.2 84.8 127.2

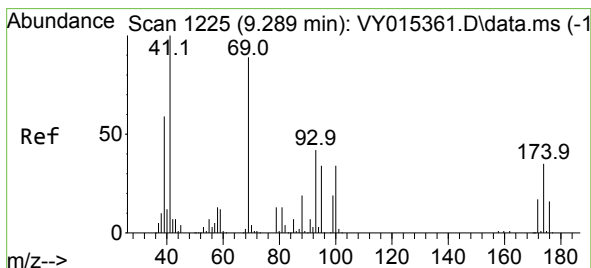
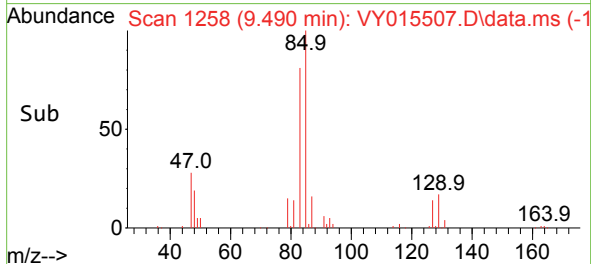
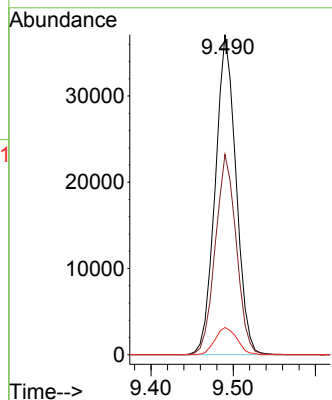
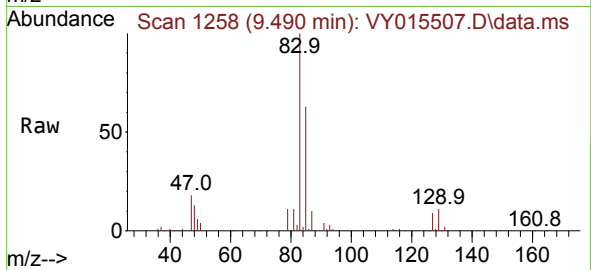




#47
Bromodichloromethane
Concen: 22.013 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

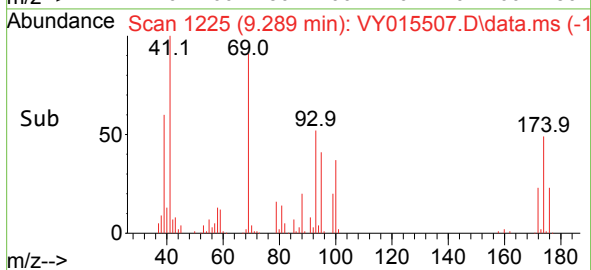
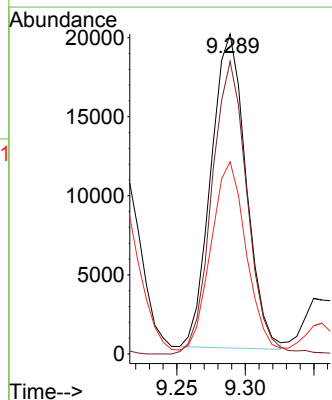
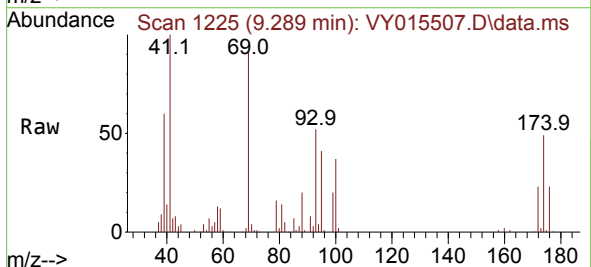
Instrument :
MSVOA_Y
ClientSampleId :

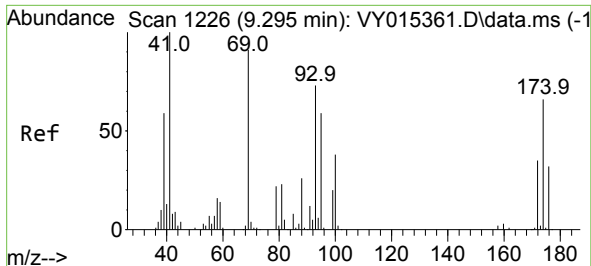
Tgt Ion	83	Resp	65041
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.1	75.1
127	8.5	7.1	10.7



#48
Methyl methacrylate
Concen: 19.485 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion	41	Resp	35260
Ion Ratio	Lower	Upper	
41	100		
69	94.0	64.5	96.7
39	62.7	50.8	76.2





#49

1,4-Dioxane

Concen: 425.155 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

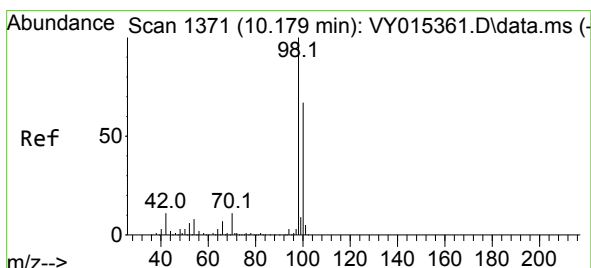
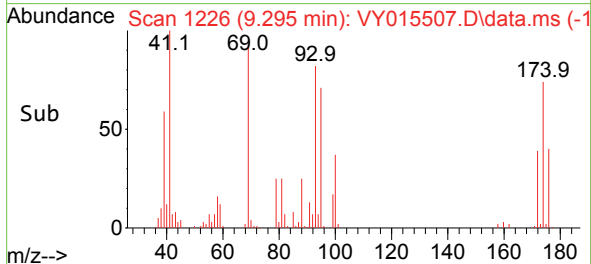
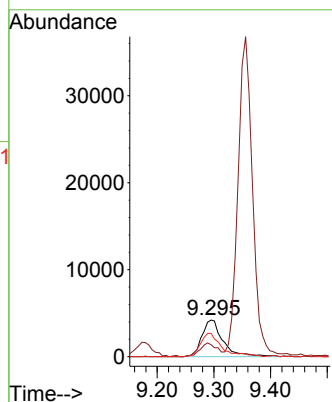
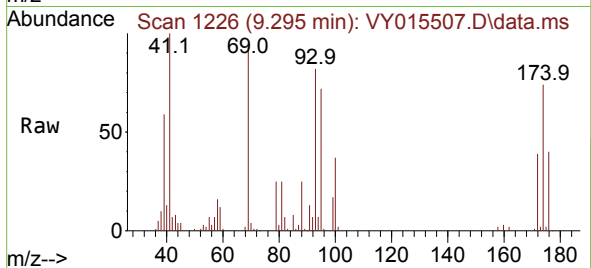
Tgt Ion: 88 Resp: 10911

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 64.1 30.9 46.3#



#50

Toluene-d8

Concen: 37.346 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015507.D

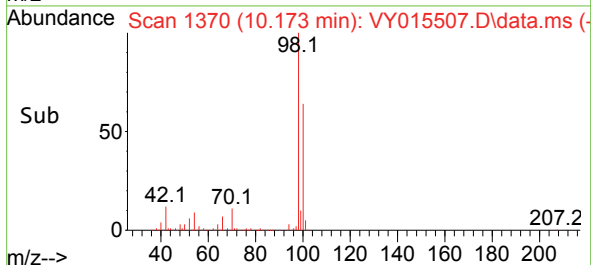
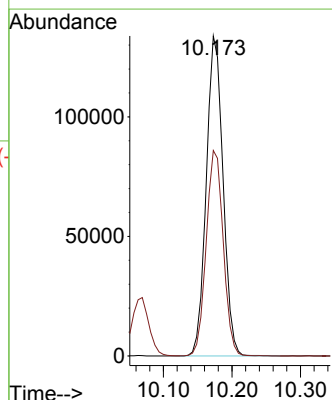
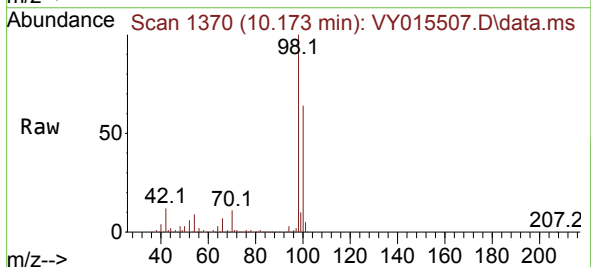
Acq: 12 Sep 2023 14:47

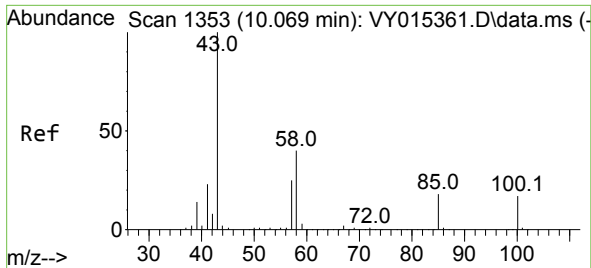
Tgt Ion: 98 Resp: 227782

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

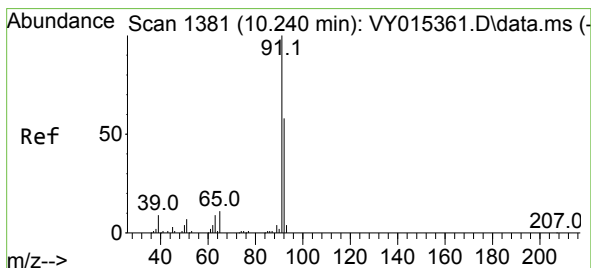
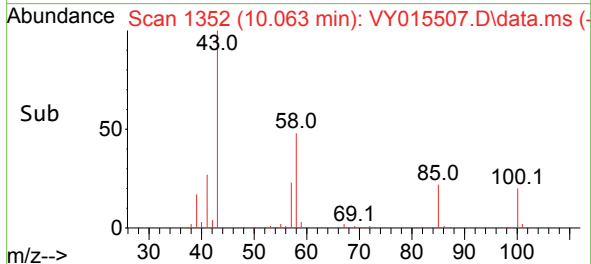
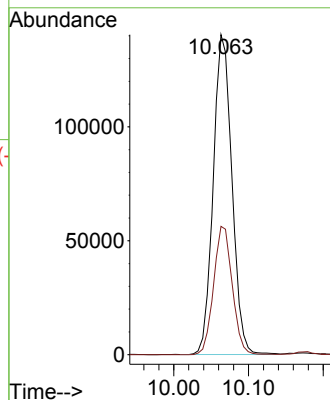
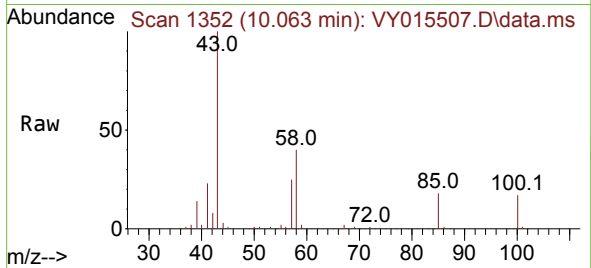




#51
4-Methyl-2-Pentanone
Concen: 106.456 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

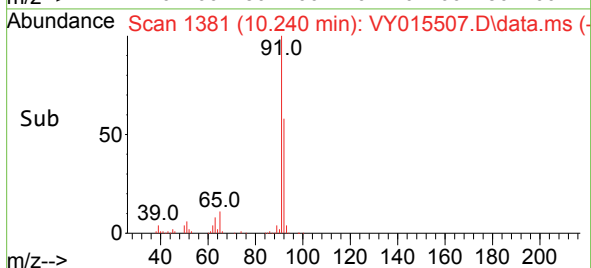
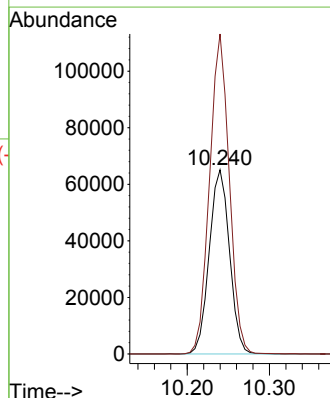
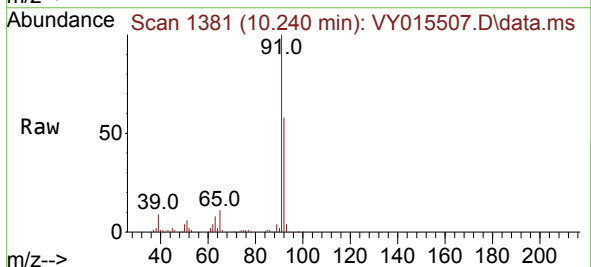
Instrument :
MSVOA_Y
ClientSampleId :

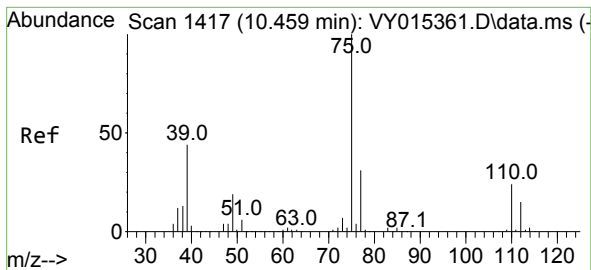
Tgt Ion: 43 Resp: 244040
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 21.069 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 92 Resp: 111419
Ion Ratio Lower Upper
92 100
91 169.1 143.8 215.6

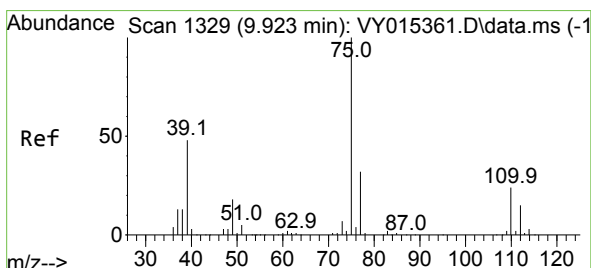
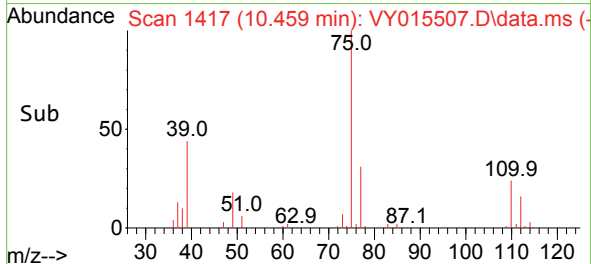
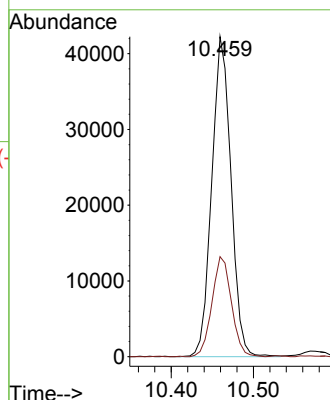
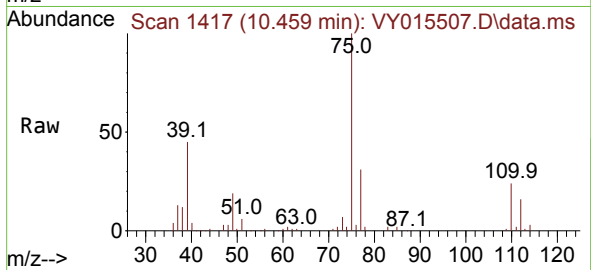




#53
 t-1,3-Dichloropropene
 Concen: 21.869 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

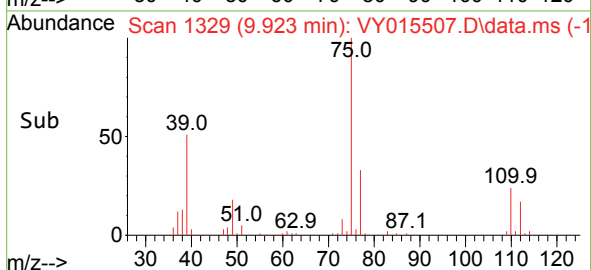
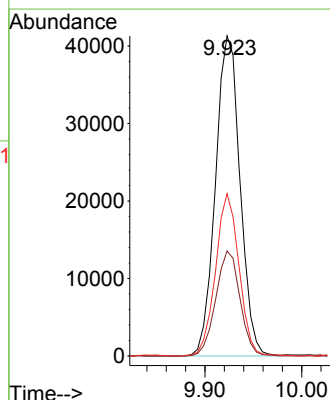
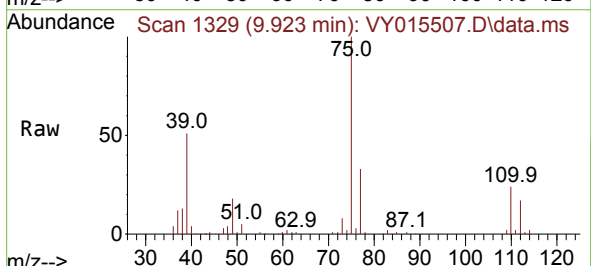
Instrument :
 MSVOA_Y
 ClientSampleId :

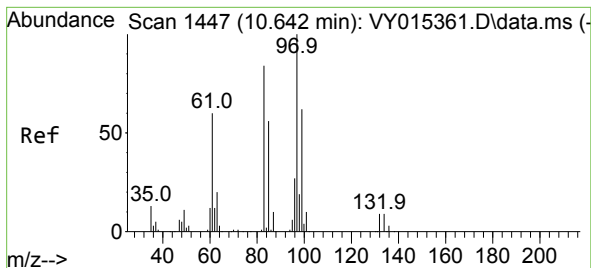
Tgt Ion: 75 Resp: 68672
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.296 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015507.D
 Acq: 12 Sep 2023 14:47

Tgt Ion: 75 Resp: 72743
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4
 39 50.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.004 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

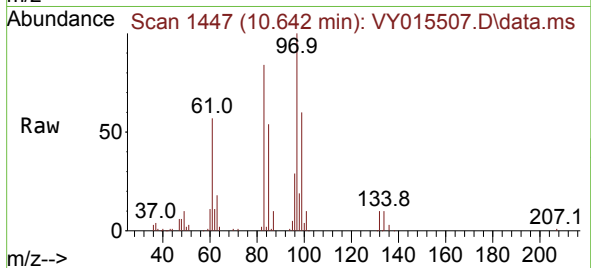
Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 40964

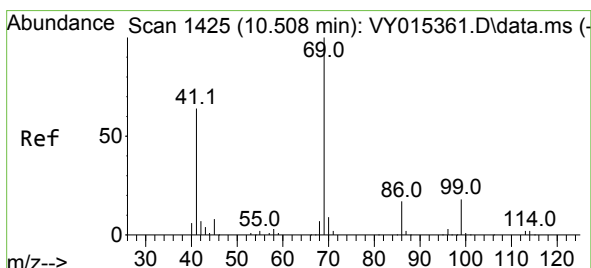
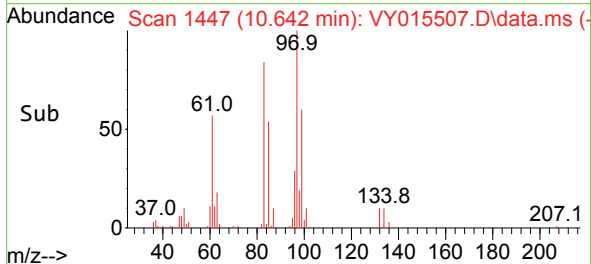
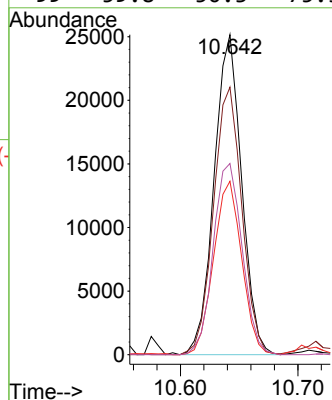
Ion Ratio Lower Upper

97 100

83 83.6 72.0 108.0

85 54.2 45.4 68.0

99 59.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.790 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

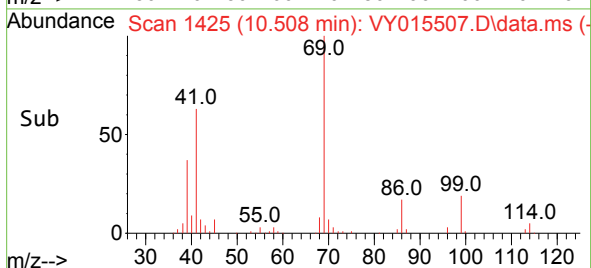
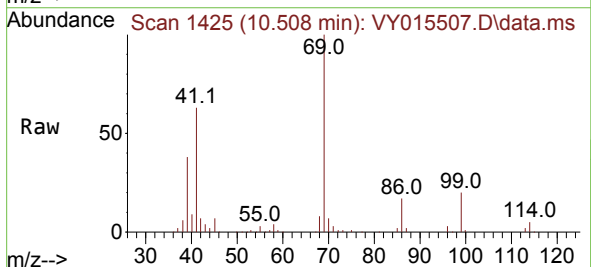
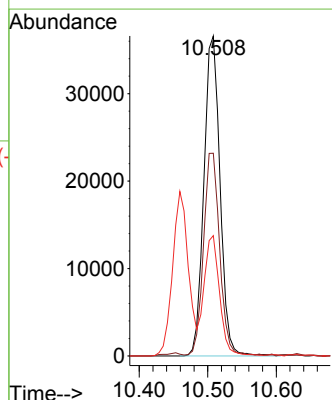
Tgt Ion: 69 Resp: 60114

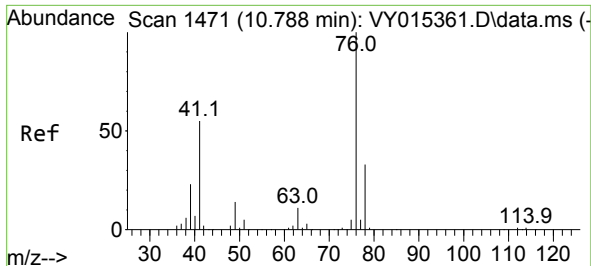
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

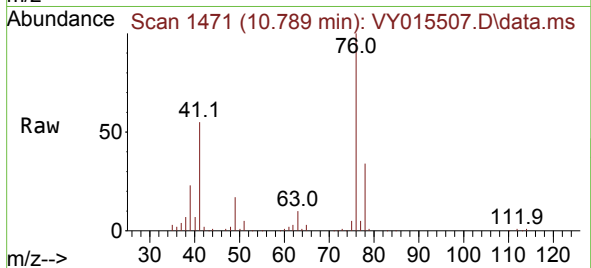
39 35.8 34.1 51.1



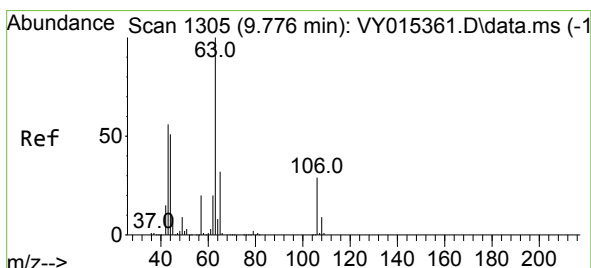
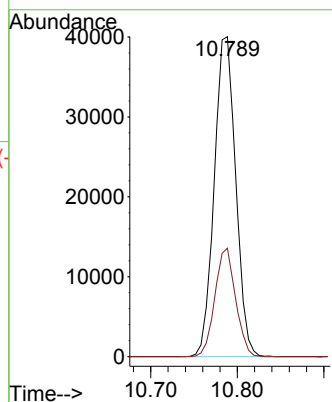
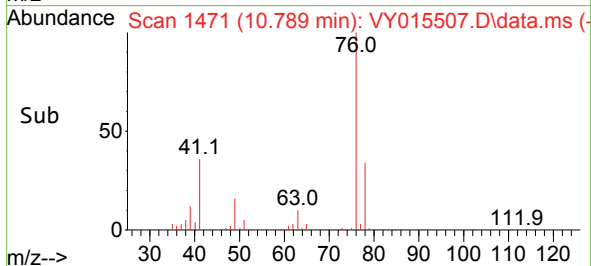


#57
1,3-Dichloropropane
Concen: 21.522 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

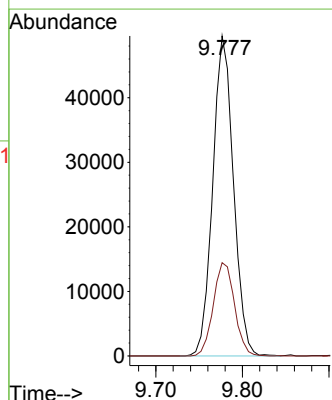
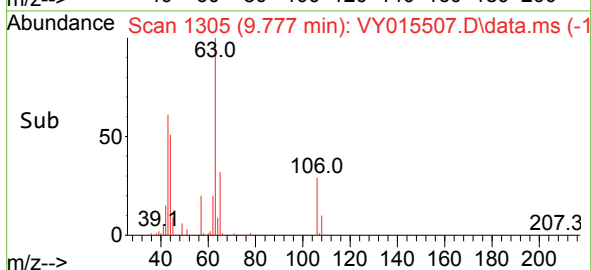
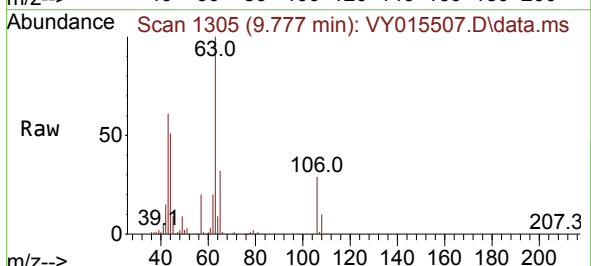


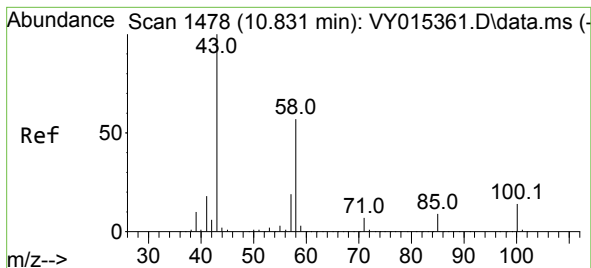
Tgt Ion: 76 Resp: 68970
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 83.562 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 63 Resp: 82284
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8

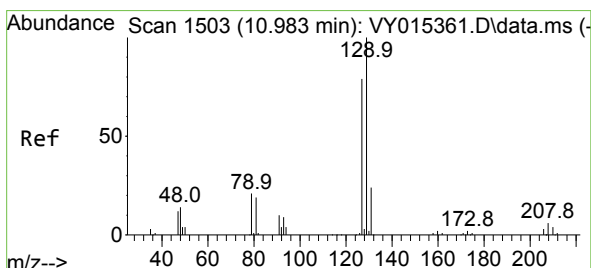
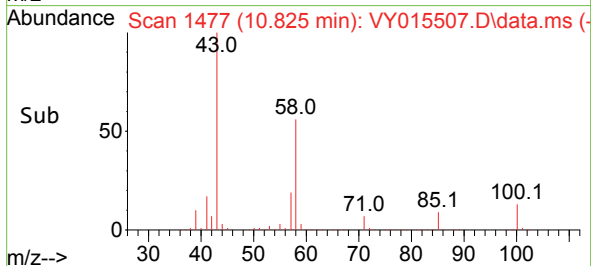
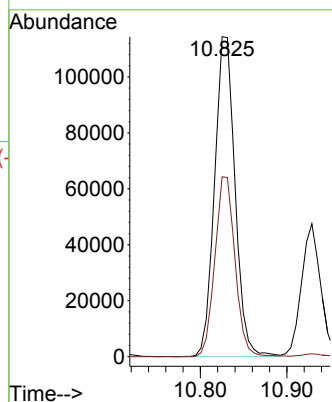
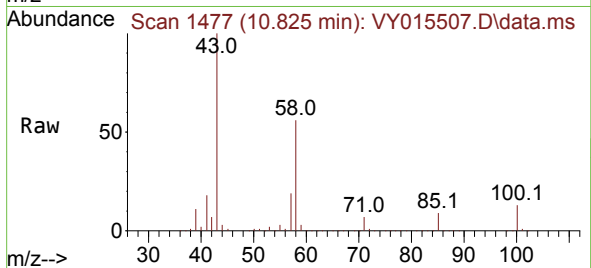




#59
2-Hexanone
Concen: 109.283 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

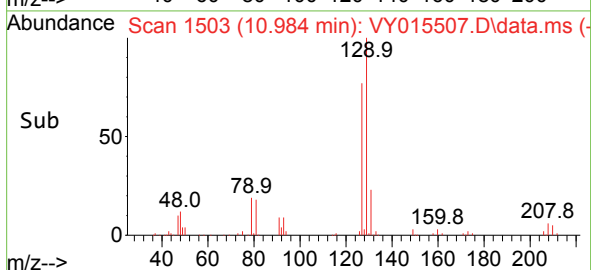
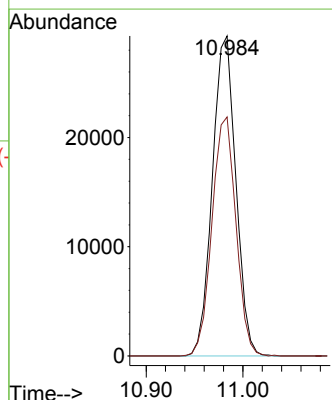
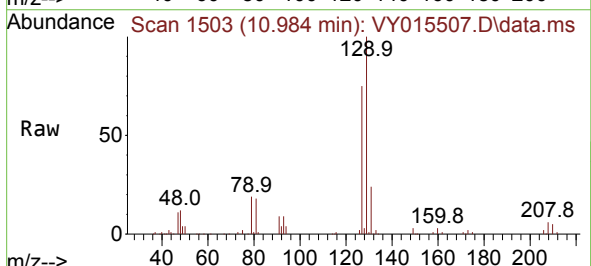
Instrument :
MSVOA_Y
ClientSampleId :

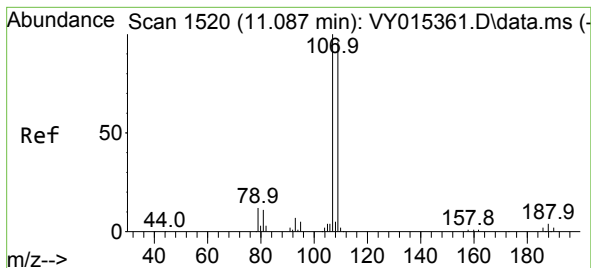
Tgt Ion: 43 Resp: 187978
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 22.618 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 129 Resp: 49285
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.443 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

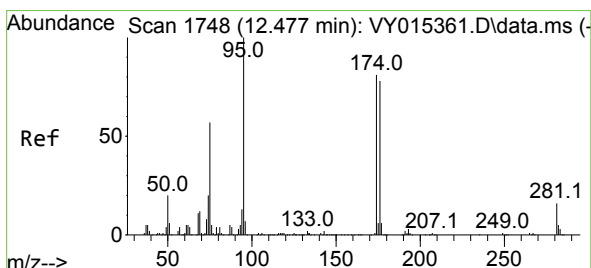
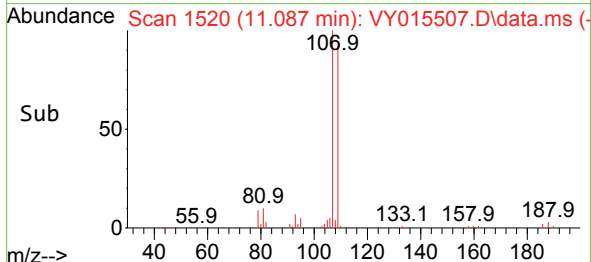
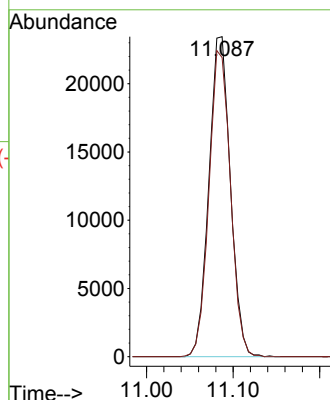
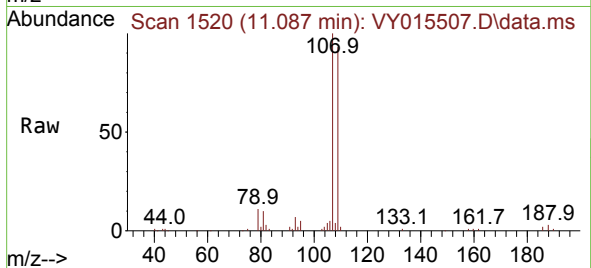
ClientSampleId :

Tgt Ion:107 Resp: 40450

Ion Ratio Lower Upper

107 100

109 95.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 38.834 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

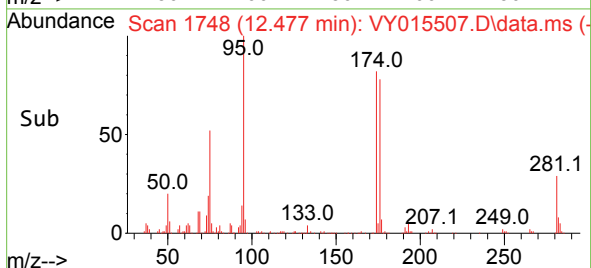
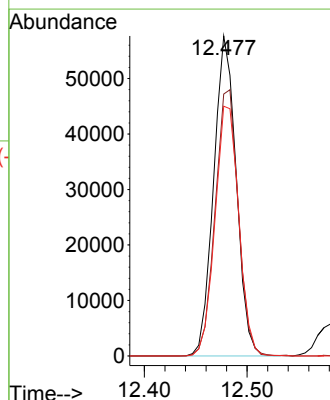
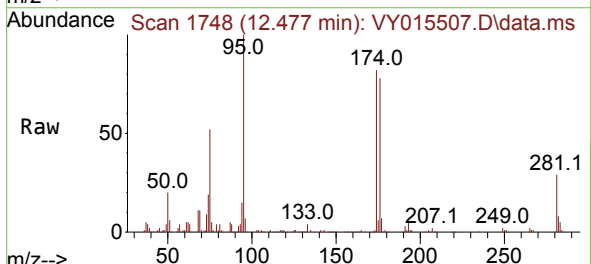
Tgt Ion: 95 Resp: 87931

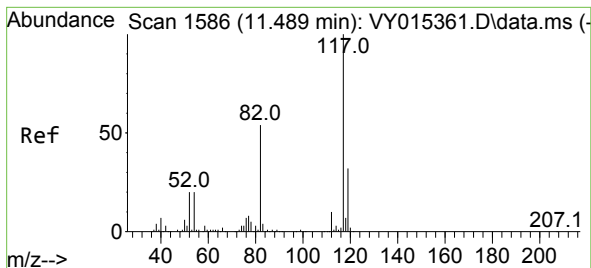
Ion Ratio Lower Upper

95 100

174 85.3 0.0 178.2

176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

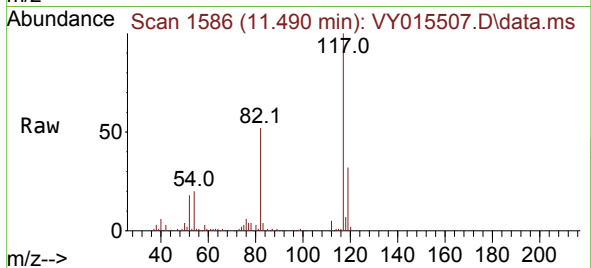
Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



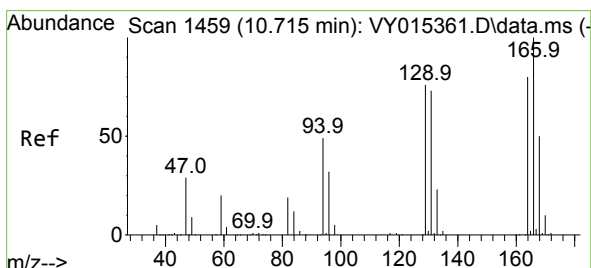
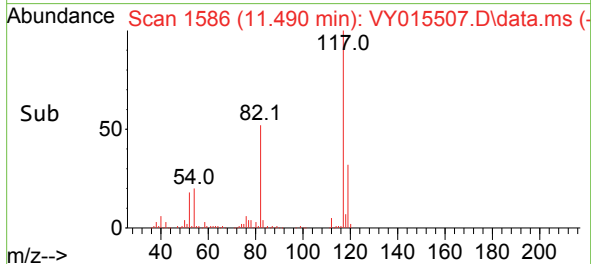
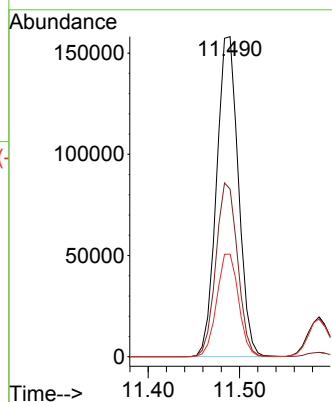
Tgt Ion:117 Resp: 262714

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 21.753 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion:164 Resp: 51871

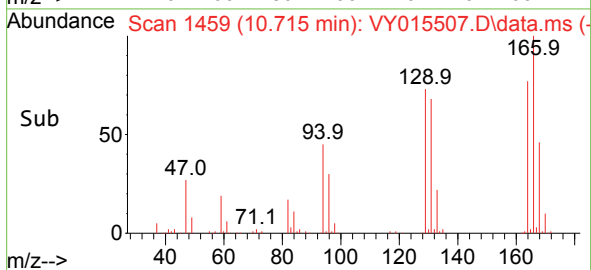
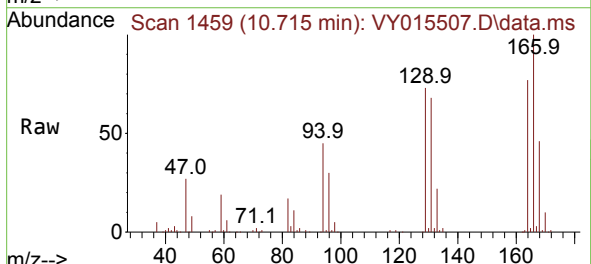
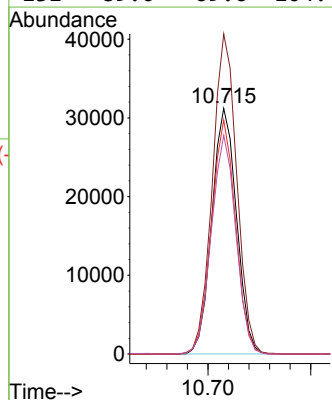
Ion Ratio Lower Upper

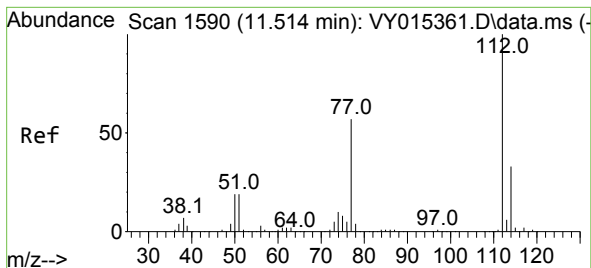
164 100

166 130.3 103.0 154.6

129 95.2 77.2 115.8

131 89.0 69.6 104.4

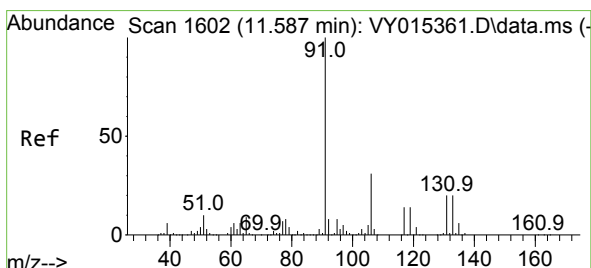
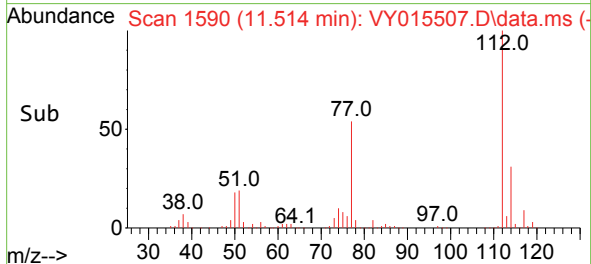
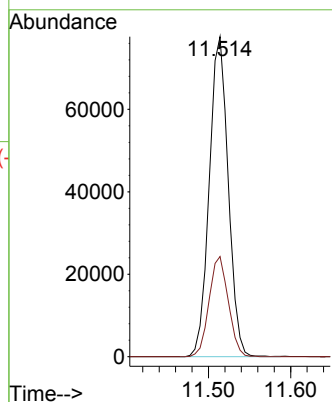
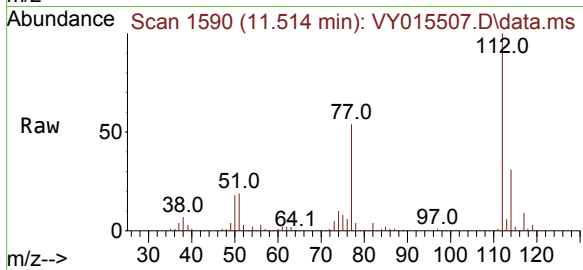




#65
Chlorobenzene
Concen: 21.952 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

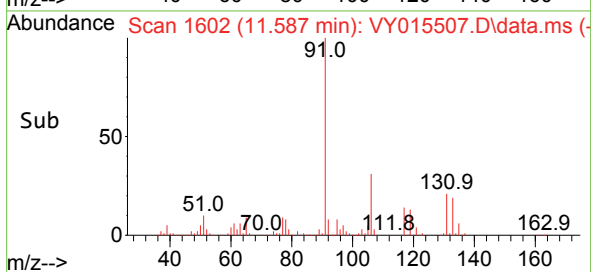
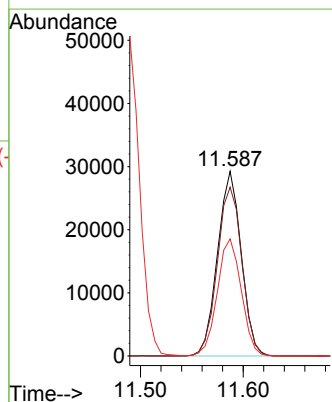
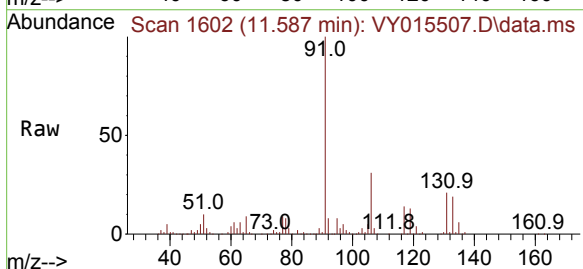
Instrument :
MSVOA_Y
ClientSampleId :

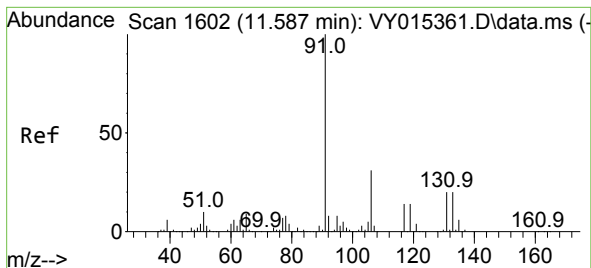
Tgt Ion:112 Resp: 124276
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.558 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion:131 Resp: 46742
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 21.314 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

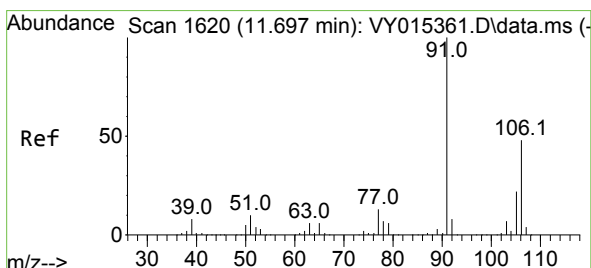
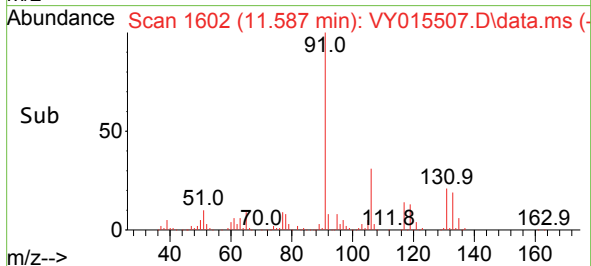
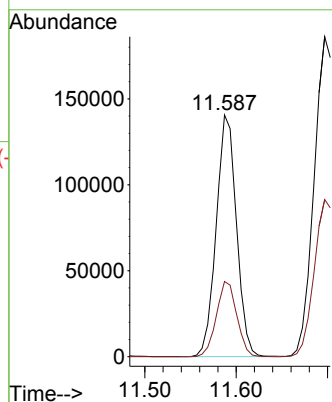
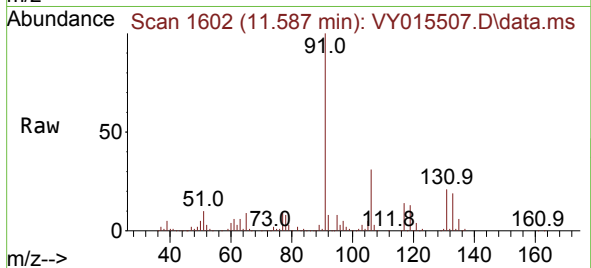
ClientSampleId :

Tgt Ion: 91 Resp: 216661

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 42.839 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015507.D

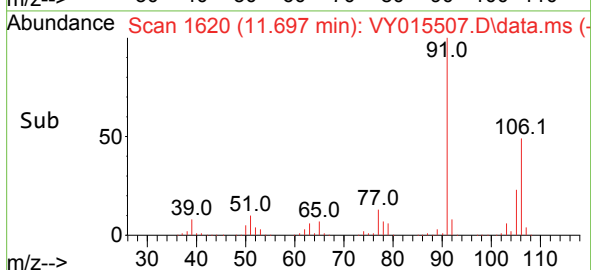
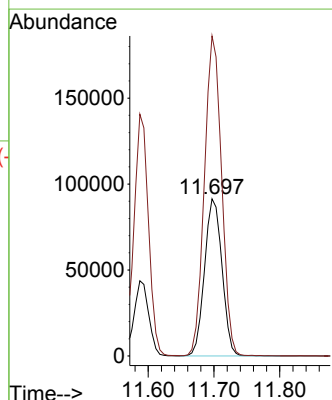
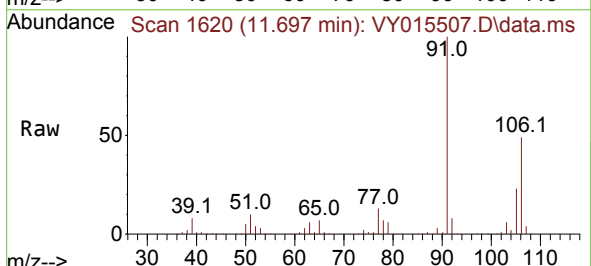
Acq: 12 Sep 2023 14:47

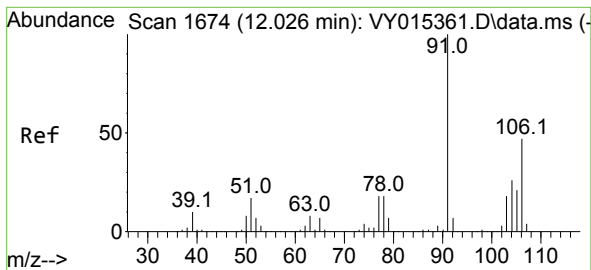
Tgt Ion:106 Resp: 168795

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1





#69

o-Xylene

Concen: 21.806 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

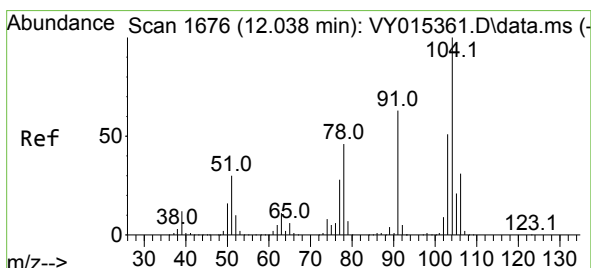
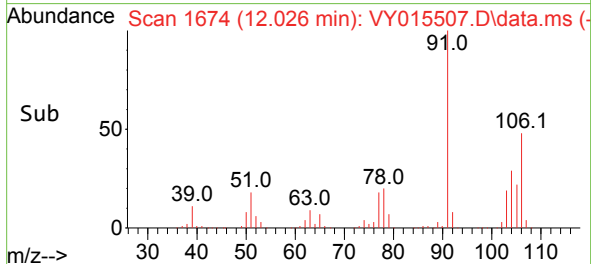
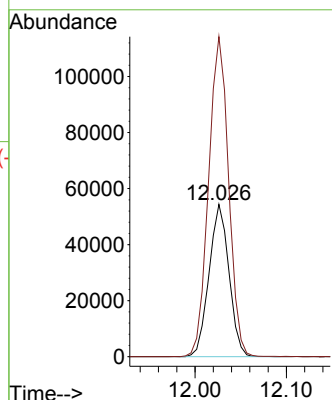
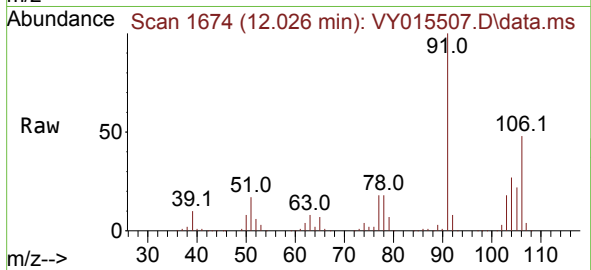
ClientSampleId :

Tgt Ion:106 Resp: 82114

Ion Ratio Lower Upper

106 100

91 211.7 108.1 324.3



#70

Styrene

Concen: 22.069 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

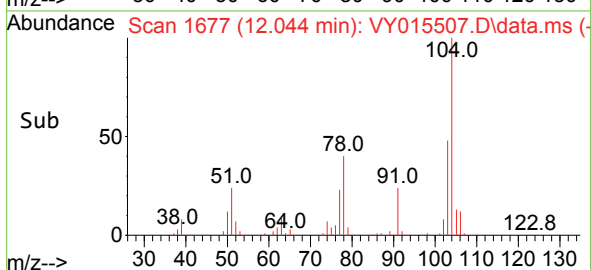
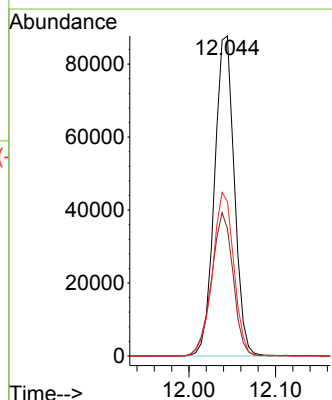
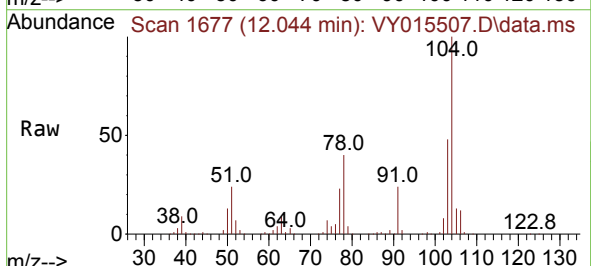
Tgt Ion:104 Resp: 139732

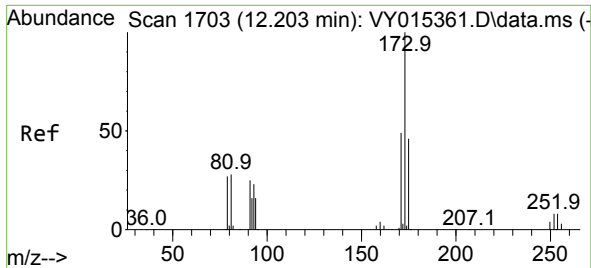
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.8 44.6 67.0

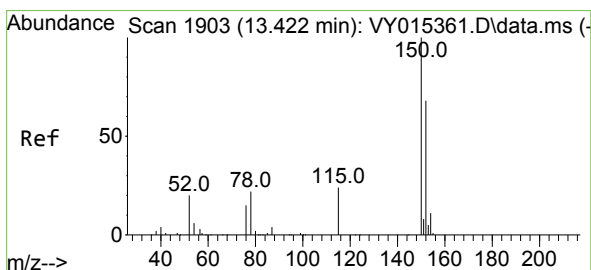
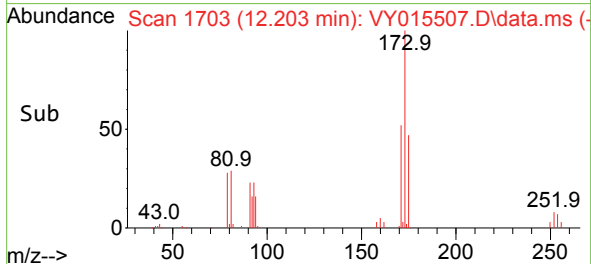
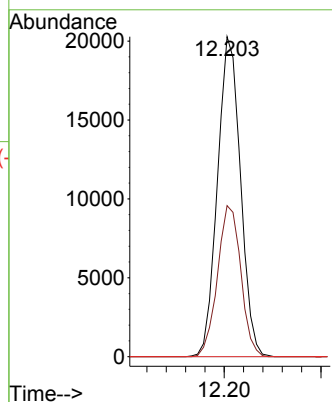
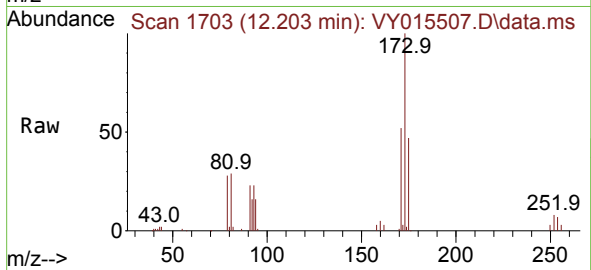




#71
Bromoform
Concen: 23.125 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

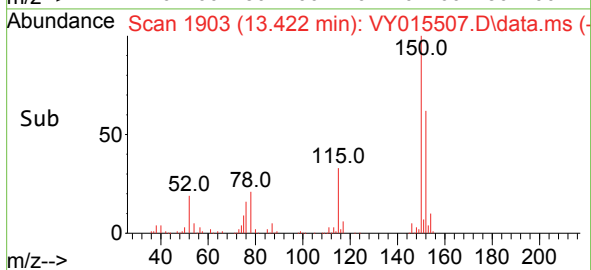
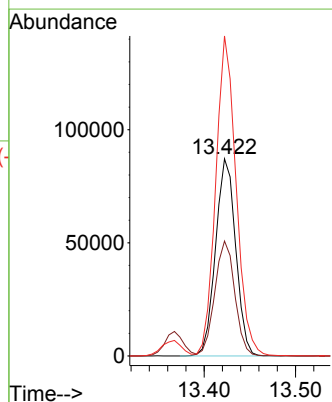
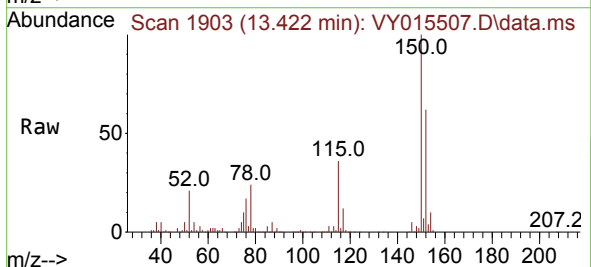
Instrument :
MSVOA_Y
ClientSampleId :

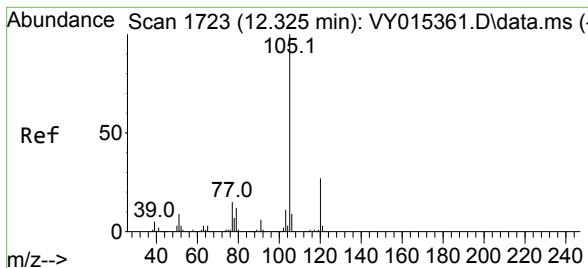
Tgt Ion:173 Resp: 33425
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion:152 Resp: 133524
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 164.3 0.0 348.8





#73

Isopropylbenzene

Concen: 21.432 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

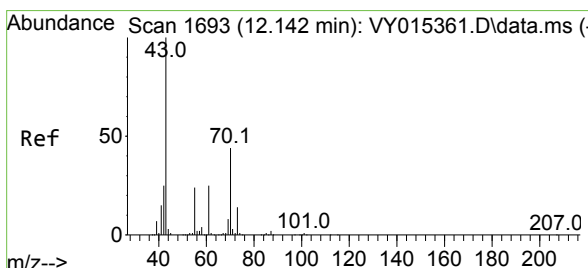
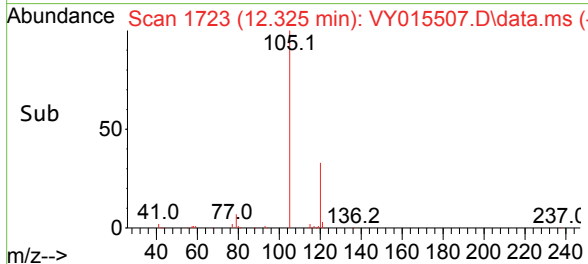
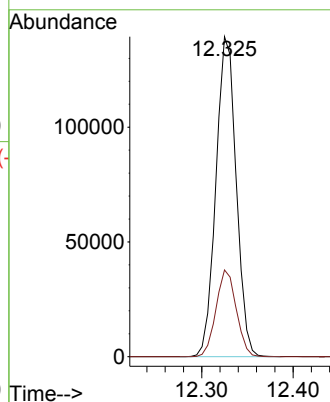
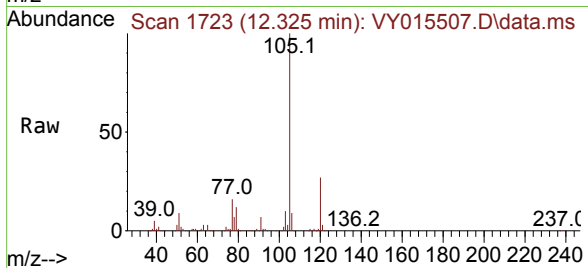
ClientSampleId :

Tgt Ion:105 Resp: 214953

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 21.752 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion: 43 Resp: 73294

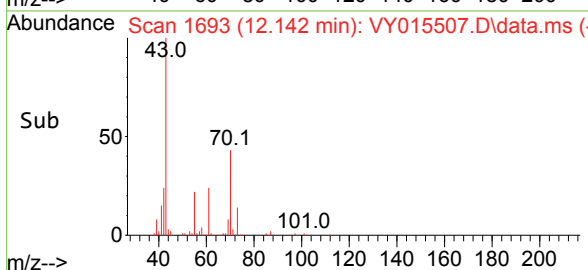
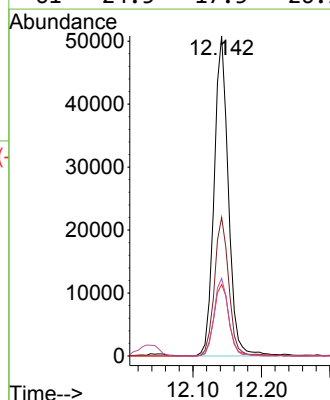
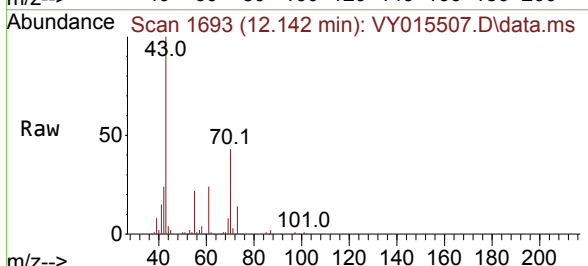
Ion Ratio Lower Upper

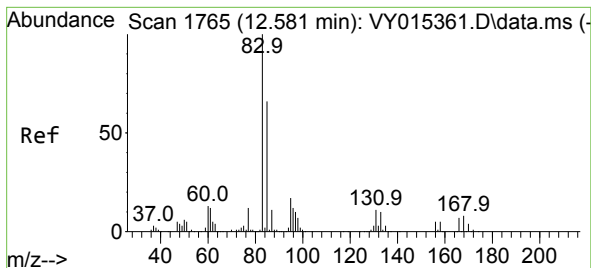
43 100

70 43.8 29.7 44.5

55 24.1 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.739 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY015507.D

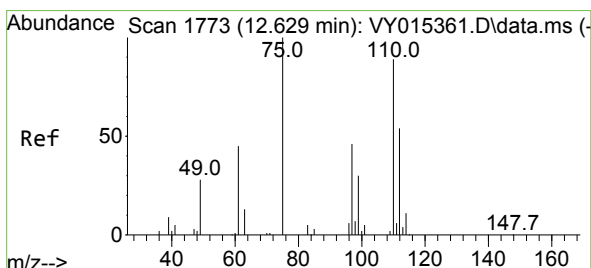
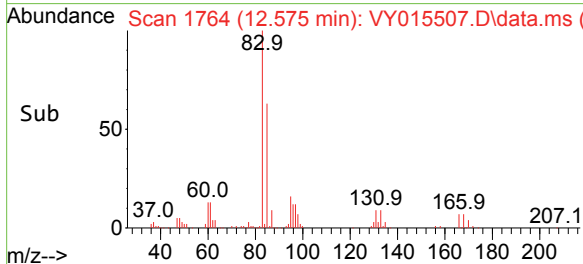
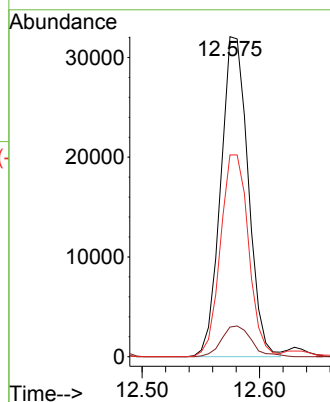
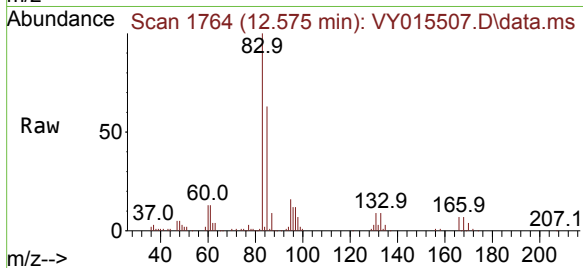
Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	52047
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.6	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 39.344 ug/l

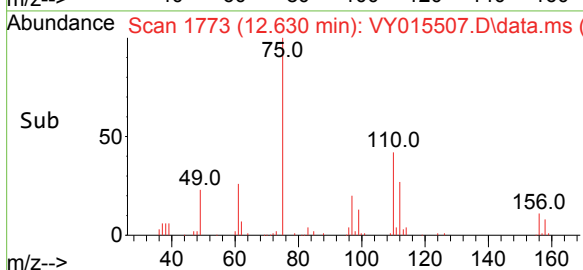
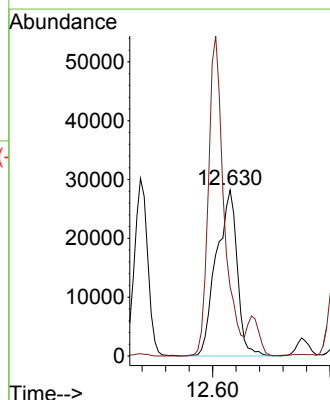
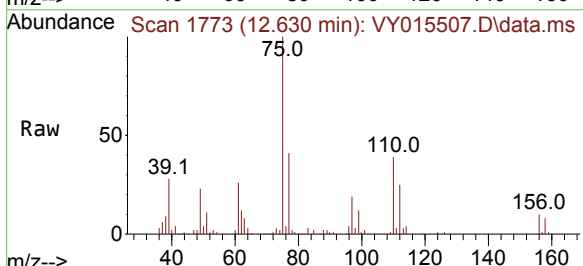
RT: 12.630 min Scan# 1773

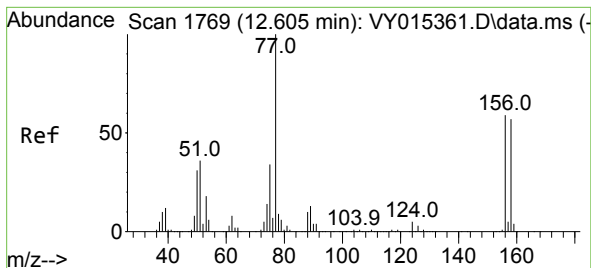
Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion:	75	Resp:	69666
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.512 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

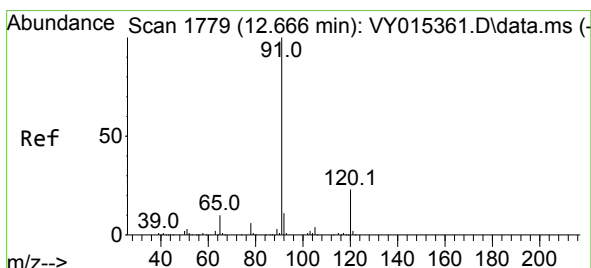
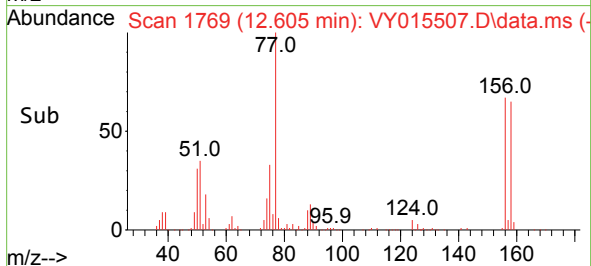
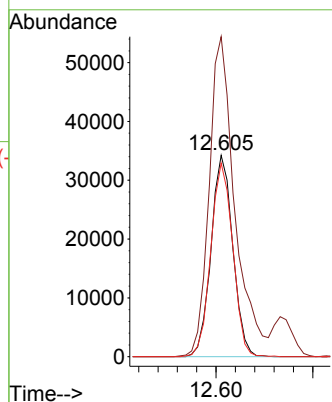
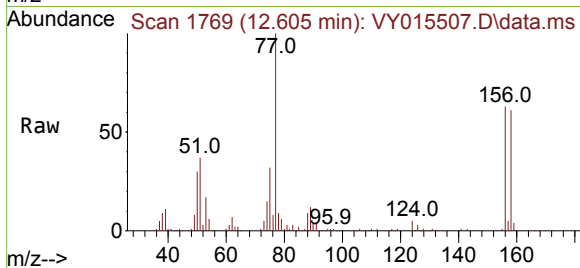
Tgt Ion:156 Resp: 53476

Ion Ratio Lower Upper

156 100

77 188.3 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 21.288 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015507.D

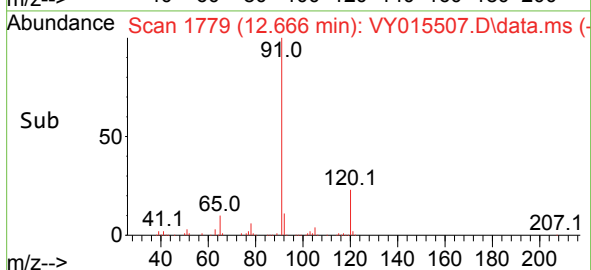
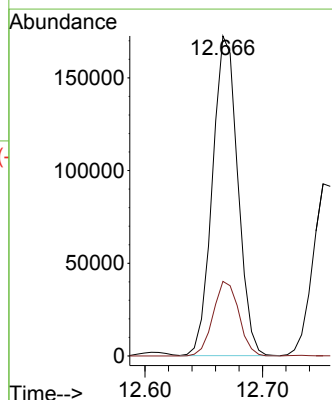
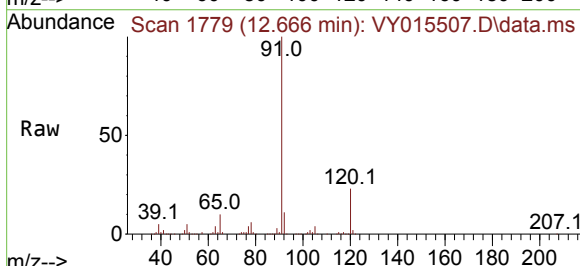
Acq: 12 Sep 2023 14:47

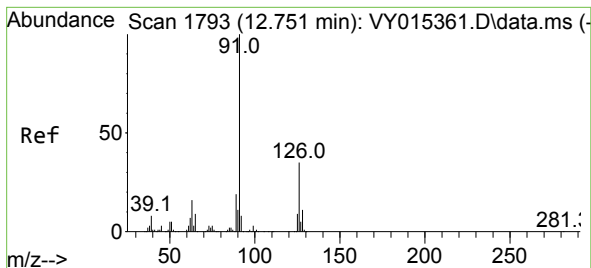
Tgt Ion: 91 Resp: 258344

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

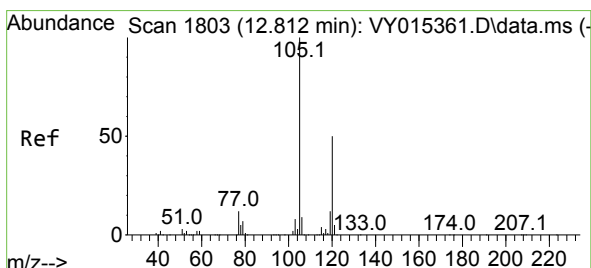
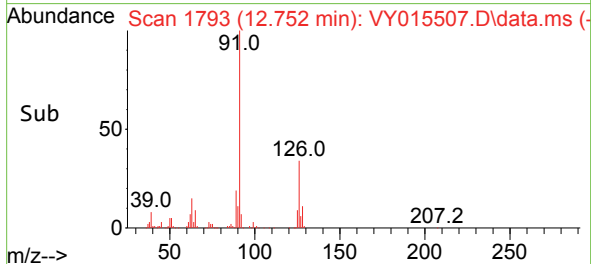
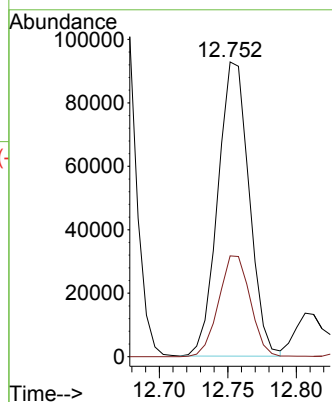
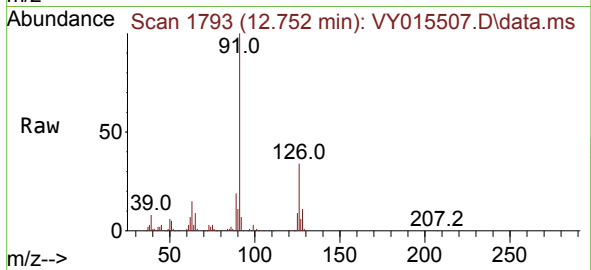




#79
2-Chlorotoluene
Concen: 21.700 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

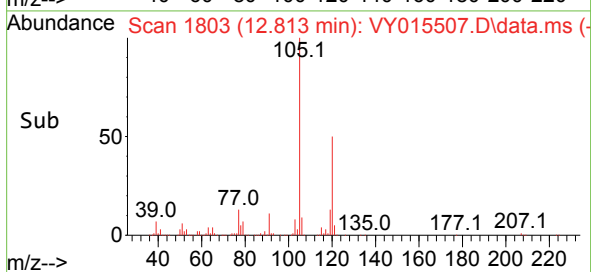
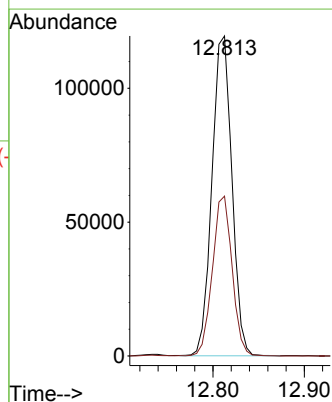
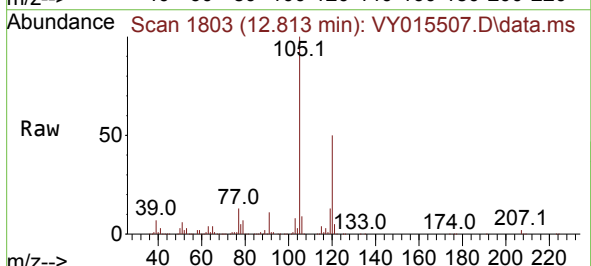
Instrument :
MSVOA_Y
ClientSampleId :

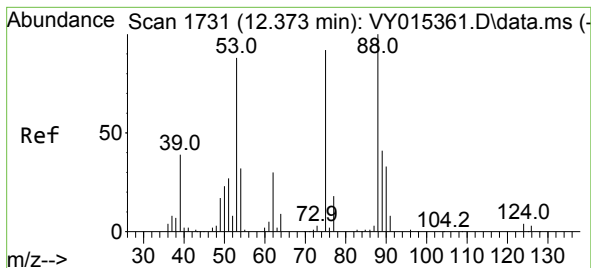
Tgt Ion: 91 Resp: 147712
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.581 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 105 Resp: 181044
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

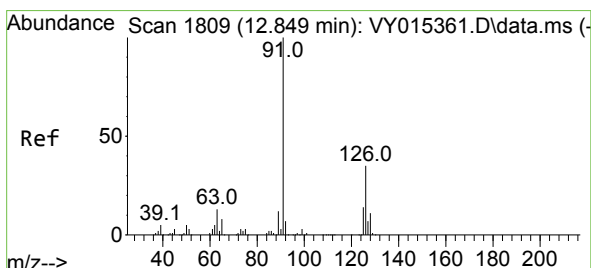
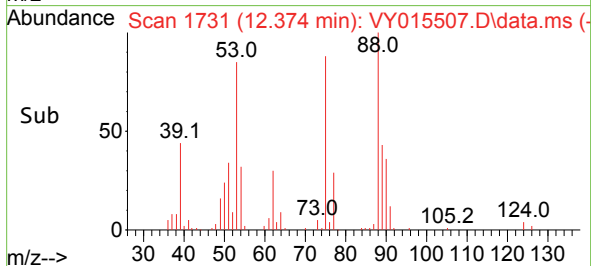
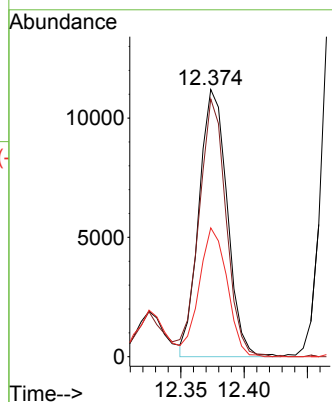
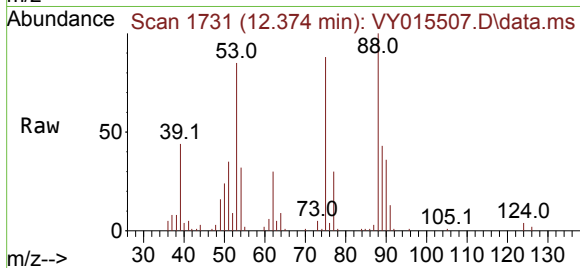




#81
trans-1,4-Dichloro-2-butene
Concen: 21.625 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

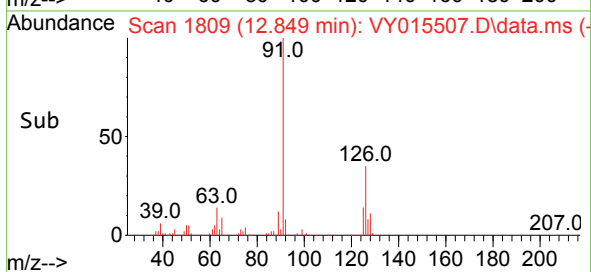
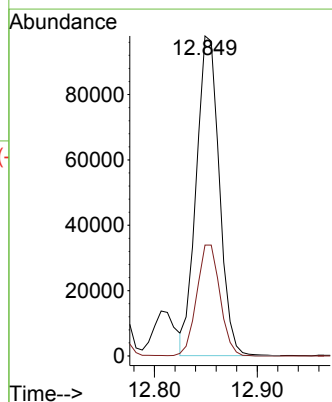
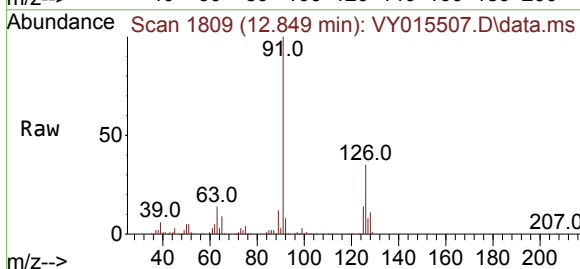
Instrument :
MSVOA_Y
ClientSampleId :

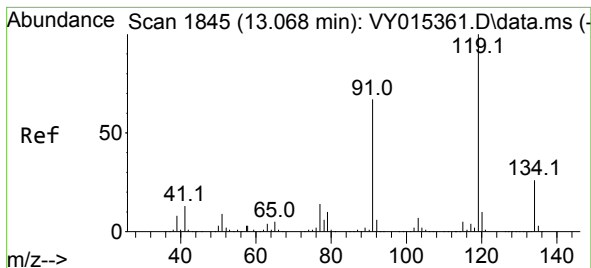
Tgt Ion: 75 Resp: 17358
Ion Ratio Lower Upper
75 100
53 93.5 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.519 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 91 Resp: 152233
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.761 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

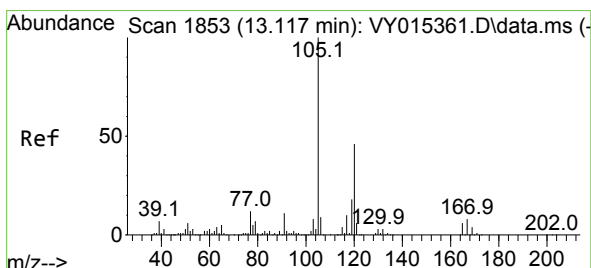
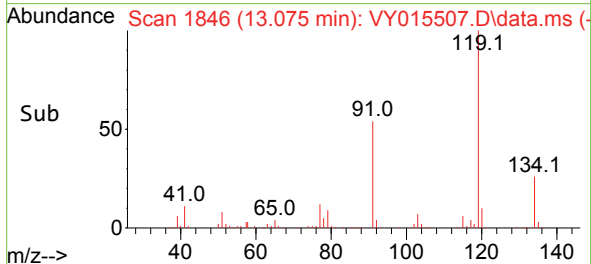
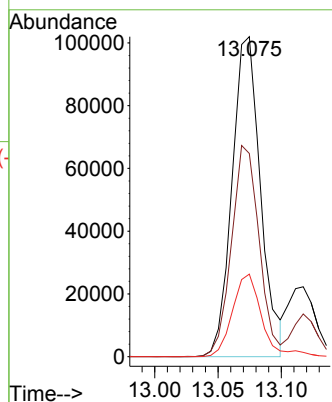
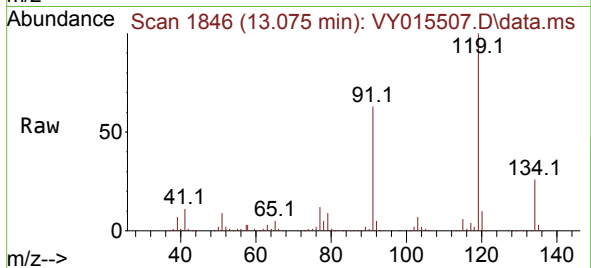
Tgt Ion:119 Resp: 159894

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.715 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015507.D

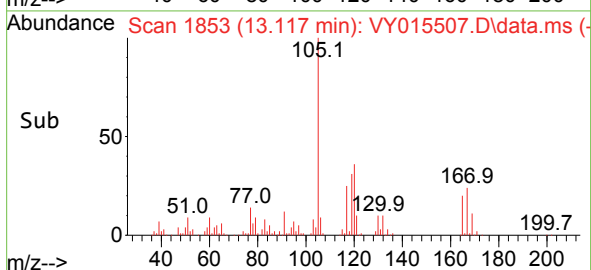
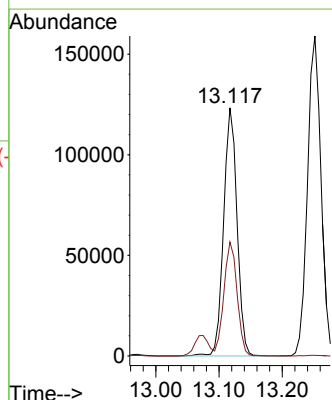
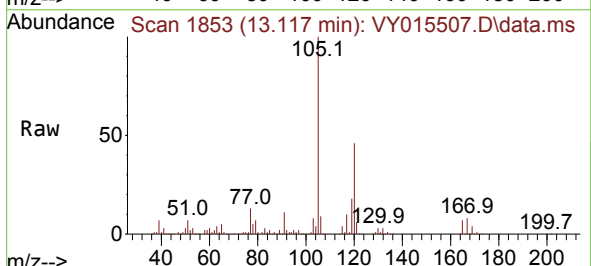
Acq: 12 Sep 2023 14:47

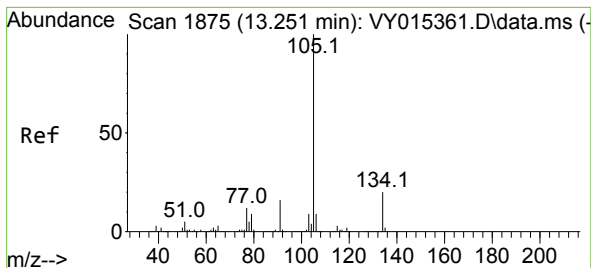
Tgt Ion:105 Resp: 180873

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.433 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

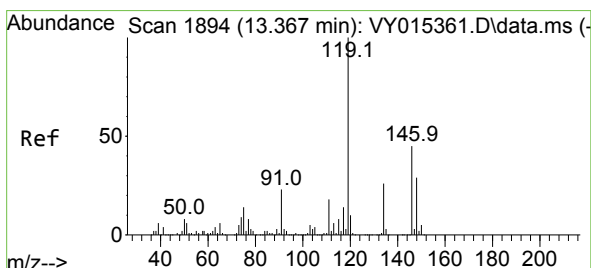
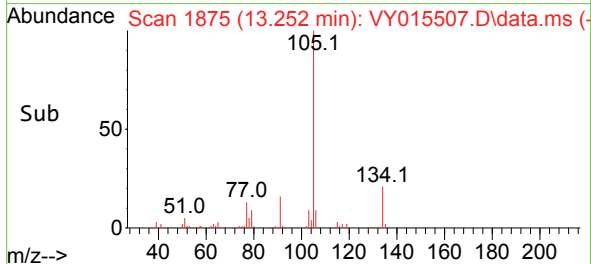
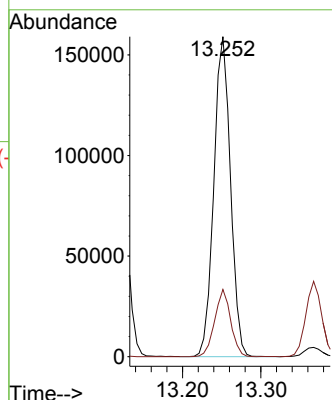
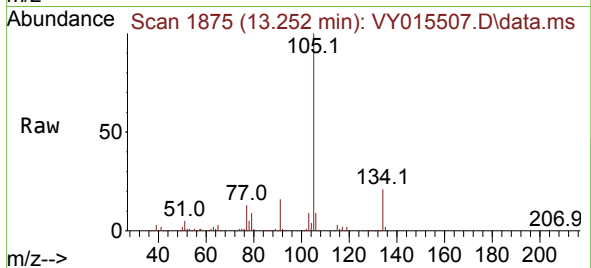
ClientSampleId :

Tgt Ion:105 Resp: 234895

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.625 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

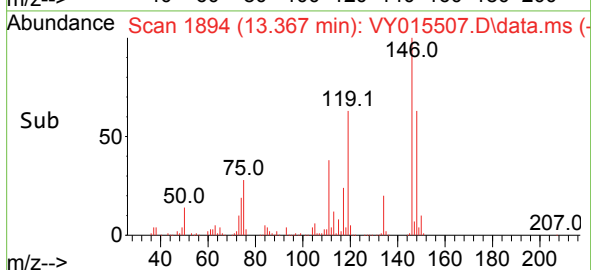
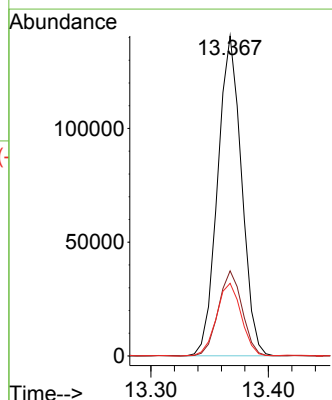
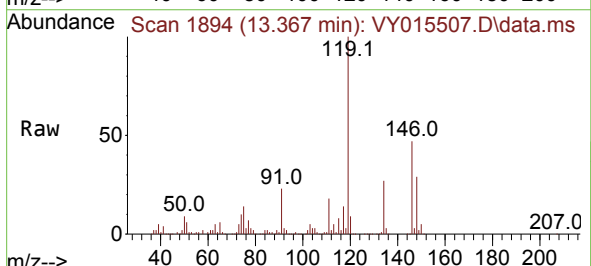
Tgt Ion:119 Resp: 198631

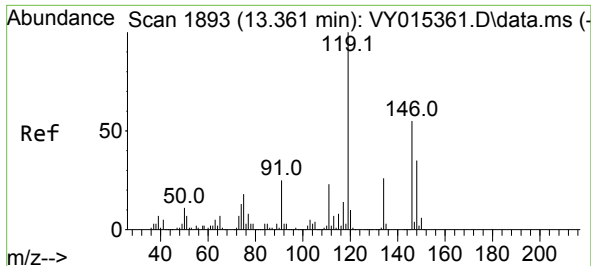
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.7 12.4 37.4

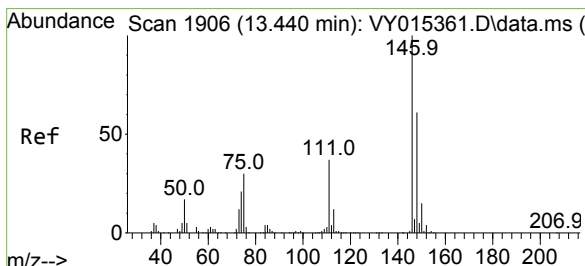
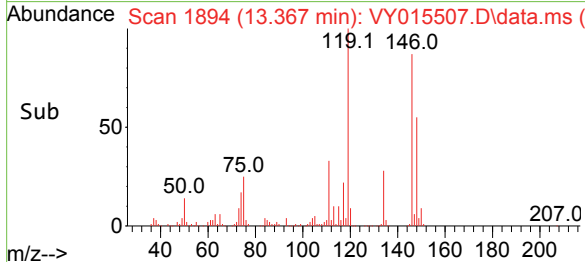
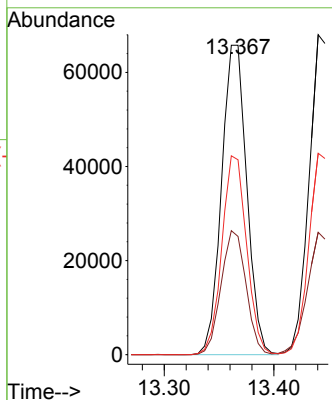
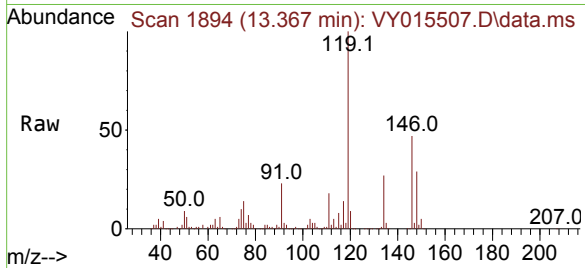




#87
1,3-Dichlorobenzene
Concen: 22.407 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

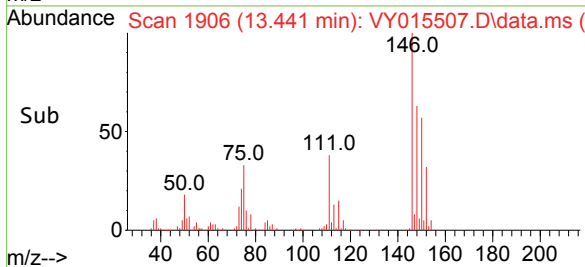
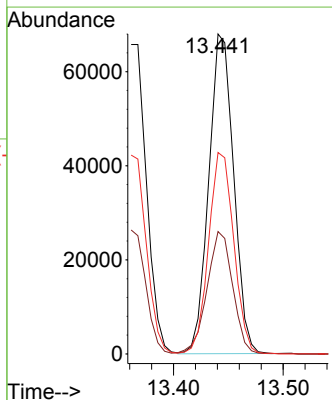
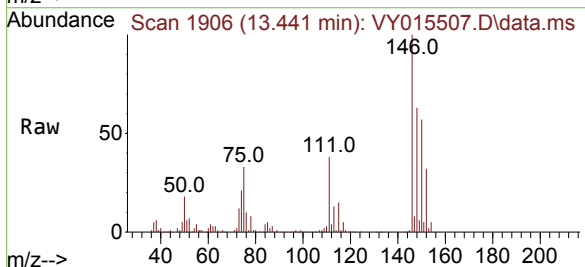
Instrument :
MSVOA_Y
ClientSampleId :

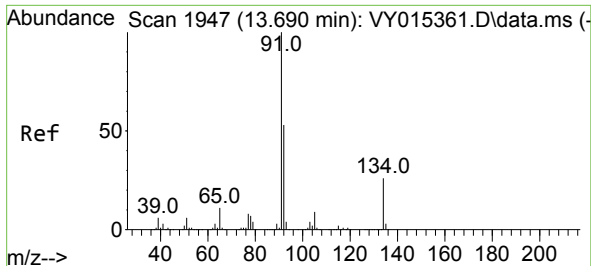
Tgt Ion:146 Resp: 105077
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 22.598 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion:146 Resp: 107124
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.7
148 64.0 32.1 96.5

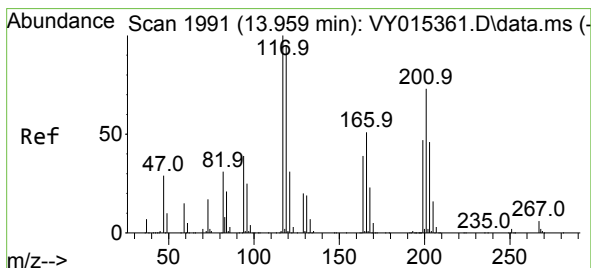
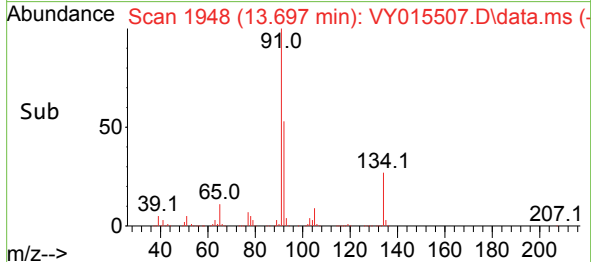
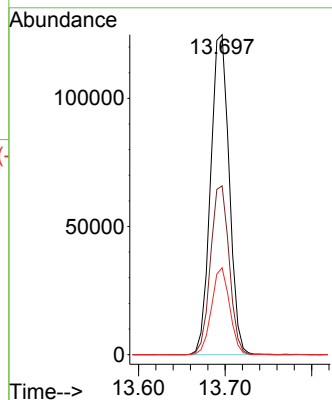
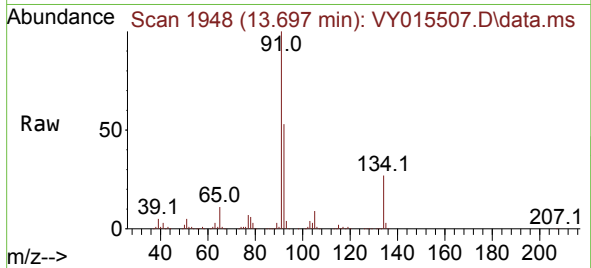




#89
n-Butylbenzene
Concen: 21.546 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

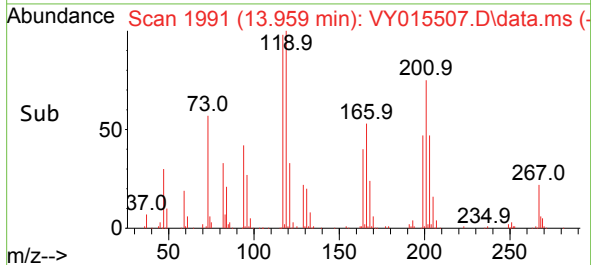
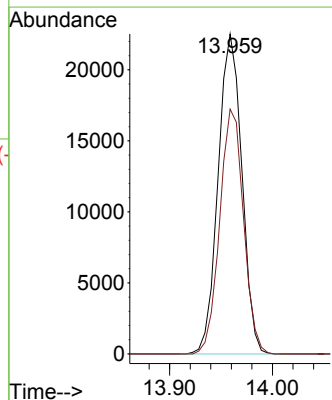
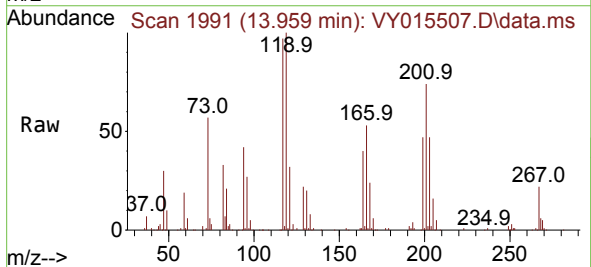
Instrument :
MSVOA_Y
ClientSampleId :

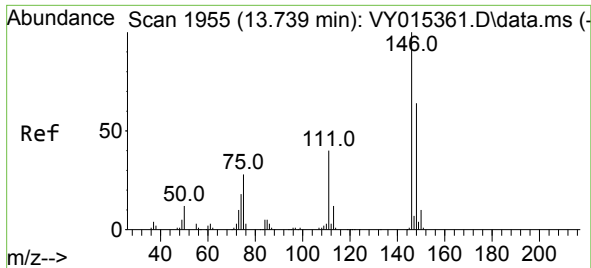
Tgt Ion: 91 Resp: 186271
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.5 12.6 37.6



#90
Hexachloroethane
Concen: 21.941 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 117 Resp: 36044
Ion Ratio Lower Upper
117 100
201 76.8 41.6 124.8

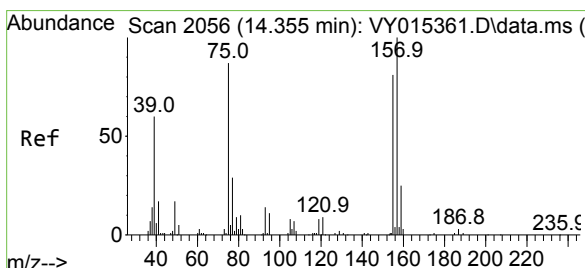
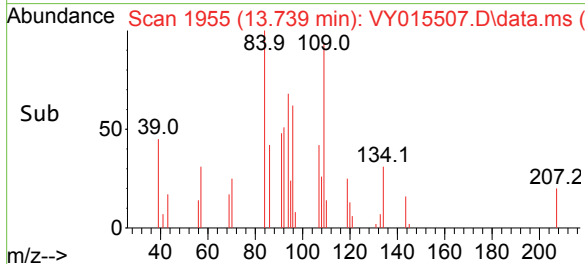
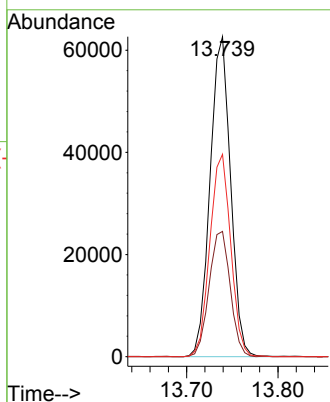
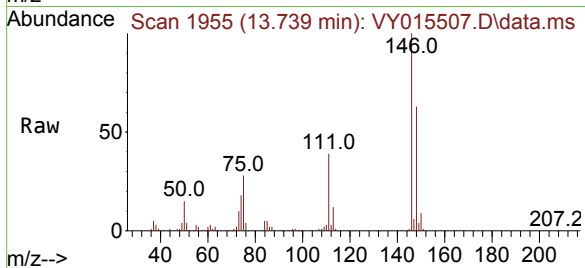




#91
1,2-Dichlorobenzene
Concen: 22.879 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

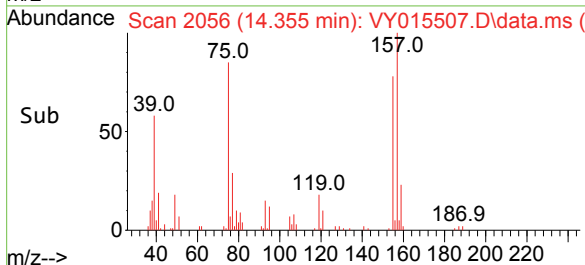
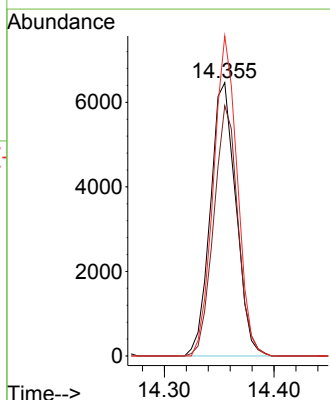
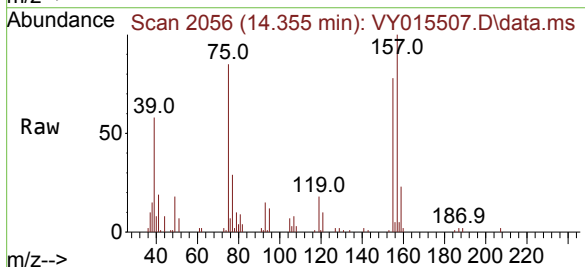
Instrument :
MSVOA_Y
ClientSampleId :

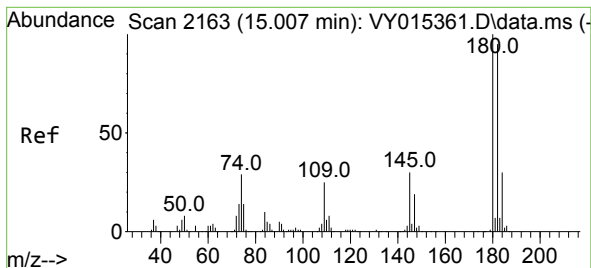
Tgt Ion:146 Resp: 97913
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.077 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015507.D
Acq: 12 Sep 2023 14:47

Tgt Ion: 75 Resp: 10456
Ion Ratio Lower Upper
75 100
155 86.9 41.5 124.6
157 109.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.992 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

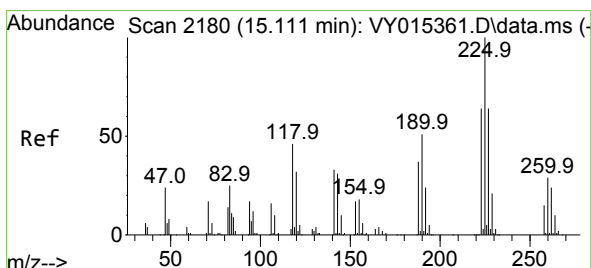
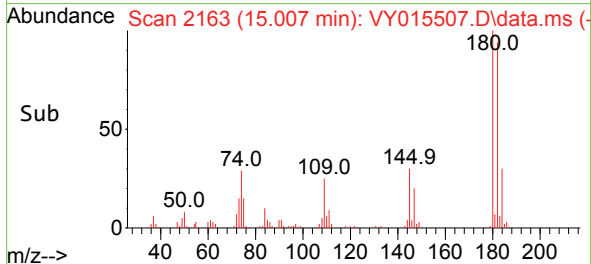
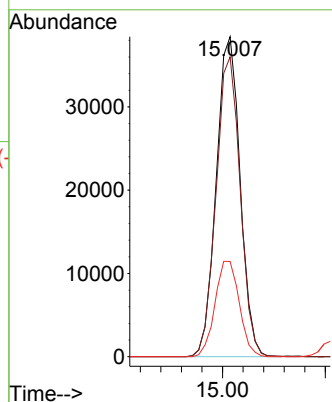
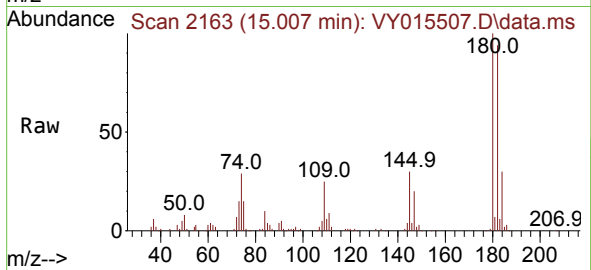
Tgt Ion:180 Resp: 61795

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.065 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

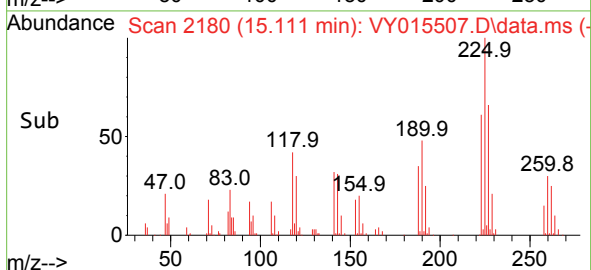
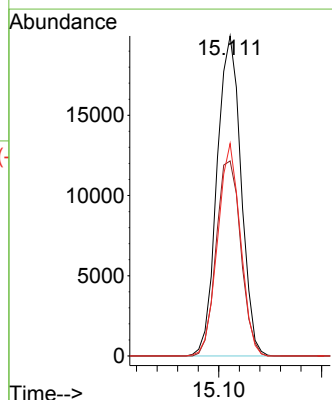
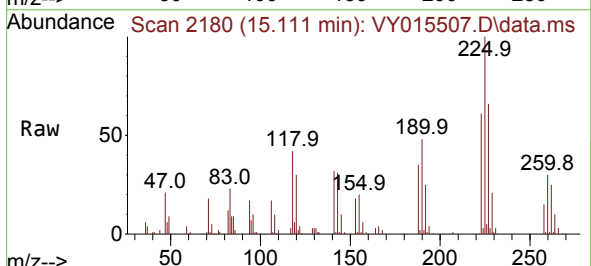
Tgt Ion:225 Resp: 32337

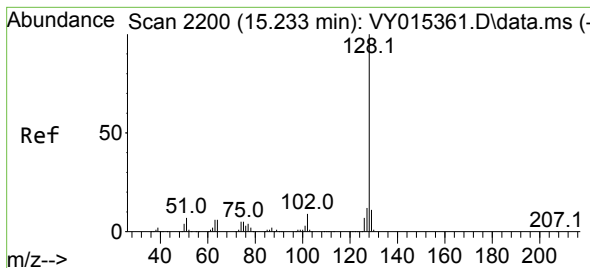
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 22.036 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

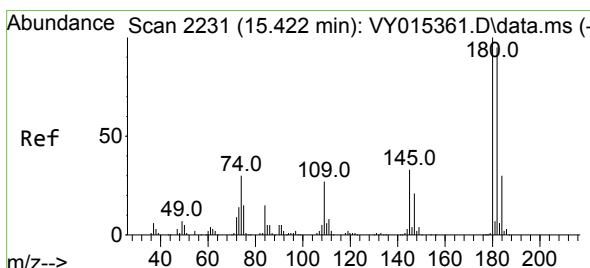
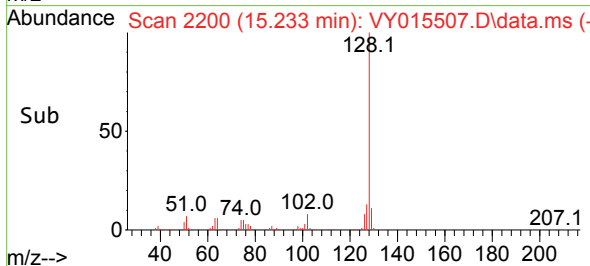
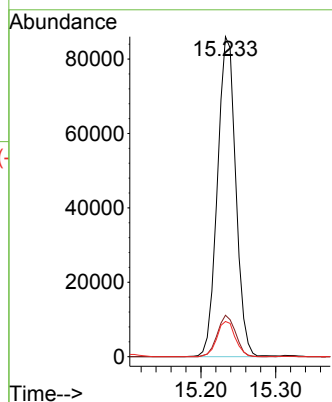
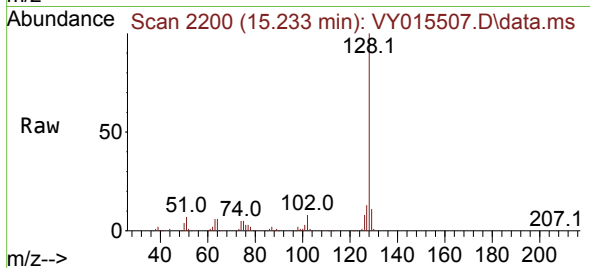
Tgt Ion:128 Resp: 146706

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.611 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015507.D

Acq: 12 Sep 2023 14:47

Tgt Ion:180 Resp: 55432

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.0 15.4 46.2

